# New College
# and
# The Graduate School
# at Queens

**CATALOG**
**1986-1987**

COLLEGII REGINAE MUTIGIS
1851

# New College and The Graduate School at Queens

## 1986-1987 Catalog

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(704) 337-2200

New College and the Graduate School at Queens admit students regardless of race, color, sex, national and ethnic origin, or handicap to all the rights, privileges, programs and activities generally accorded or made available to students at the college. They do not discriminate on the basis of sex, race, color, national or ethnic origin, or handicap in educational policies, scholarship or loan programs, and athletic and other college administered programs.

The catalog for New College and the Graduate School at Queens contains current information regarding the calendar, admissions and degree requirements, tuition, fees and regulations. Such information is not intended to be, and should not be, relied upon as a statement of the college's contractual undertakings.

The Administration reserves the right in its sole judgement to promulgate and change rules and regulations and to make changes of any nature in its program, calendar, admissions policies, procedures and standards, degree requirements, tuition and fees, academic schedule, and any other academic or procedural provision whenever it is deemed necessary or desirable, including, without limitation, changes in course content, the rescheduling of classes, cancelling of scheduled classes or affording alternatives for scheduled classes or other academic activities, in any such case giving such notice as is reasonably practicable under the circumstances.

# New College and The Graduate School at Queens

## 1986-1987 CALENDAR

### TERM I

| | |
|---|---|
| Tuesday, August 19 | Registration, Returning Students |
| Tuesday, August 26 | Registration, New Students |
| Tuesday, September 2 | Classes Begin |
| Tuesday, September 9 | Opening Convocation and Reception |
| Wednesday, October 22 | Midterm |
| Wednesday, October 29 | Last Day to Withdraw from a Course |
| Monday, November 24 | Thanksgiving Break Begins |
| Saturday, November 29 | Classes Resume |
| Thursday, December 11 | Classes End |
| Friday, December 12 | Exams Begin |
| Thursday, December 18 | Exams End |

### JANUARY TERM 1987 (undergraduate only)

| | |
|---|---|
| Tuesday, December 30 | Registration |
| Monday, January 5 | Classes Begin |
| Saturday, January 24 | Classes End |

### TERM II

| | |
|---|---|
| Thursday, January 22 | Registration, All Students |
| Tuesday, January 27 | Classes Begin |
| Wednesday, March 11 | Midterm |
| Monday, March 16 | Spring Break Begins |
| Saturday, March 21 | Classes Resume |
| Wednesday, March 25 | Last Day to Withdraw from a Course |
| Monday, May 4 | Classes End |
| Tuesday, May 5 | Exams Begin |
| Monday, May 11 | Exams End |
| Friday, May 15 | Baccalaureate |
| Saturday, May 16 | Graduation |

### SUMMER TERM 1987

#### Undergraduate Sessions

| | |
|---|---|
| Tuesday, May 12 | Registration, all sessions |
| May 18 - June 27 | Session I |
| June 29 - August 8 | Session II |
| May 18 - August 8 | Session III |

#### Graduate Sessions

| | |
|---|---|
| May 18 - August 8 | MBA Summer Session |
| May 18 - June 27 | MED Summer Session I |
| June 16 - July 28 | MED Summer Session II |
| To Be Announced | MLA Summer Session(s) |

# DIRECTORY

| If Your Question Concerns | Call |
|---|---|
| Admissions: New College or Graduate School at Queens | 337-2313 |
| Academic Advising prior to admission to the college, all programs | 337-2392 |
| Academic Advising after admission | |
| New College Students | 337-2327 |
| Graduate Students | 337-2315 |
| Billing or Charges | 337-2372 |
| Campus Housing | 337-2313 |
| Career Planning | 337-2337 |
| Computer Use | |
| Dickson Microcomputer Center | 337-2356 |
| Walker Science Computer Center | 337-2303 |
| Dining Hall | 337-2409 |
| Dropping or Adding a Course | |
| New College | 337-2327 |
| Graduate School | 337-2315 |
| Grades | 337-2211 |
| Immunizations | 337-2387 |
| Library Use | 337-2270 |
| Parking Permit | 337-2306 |
| Parking Ticket | 337-2306 |
| Registration | |
| New College or Graduate School | 337-2315 |
| College of Arts and Sciences | 337-2211 |
| Schedules | |
| New College or Graduate School | 337-2315 |
| College of Arts and Sciences | 337-2324 |
| Snack Bar | 337-2283 |
| Student I.D. Card | 337-2306 |
| Swimming Pool Use | 337-2228 |
| Tennis Court Use | 337-2228 |
| Tests | |
| CLEP Test Information | 337-2337 |
| GMAT Test Information | 337-2337 |
| Miller Analogy Test Information | 337-2315 |
| Transcript Request | 337-2211 |
| Withdrawal from a Course | |
| New College | 337-2327 |
| Graduate School | 337-2315 |

# TABLE OF CONTENTS

**CALENDAR** ..... 1

**DIRECTORY** ..... 2

**COLLEGE/STUDENT SERVICES**
- The College ..... 7
- History of Queens College ..... 7
- New College ..... 7
- The Graduate School ..... 8
- Honor Code ..... 8
- Convocation ..... 9
- Administrative Offices ..... 9
- Library ..... 9
- Computer Facilities ..... 10
- Queens Career Center ..... 11
- Bookstore ..... 11
- Dining Hall ..... 11
- Academic Advising ..... 12
- Student Associations ..... 12
- Parking ..... 13
- Housing ..... 13
- Pool and Tennis Courts ..... 13

**ADMISSIONS**
- For Campus Visits ..... 14
- Undergraduate Admission Requirements ..... 14
  - For Transfers ..... 14
  - For Readmission ..... 14
  - For Special Students ..... 15
  - For Credit By Examination ..... 15
  - For Credit By Certification ..... 15
  - High School Dual Enrollment ..... 15
  - International Students ..... 16
- Graduate Admission Requirements ..... 16

**TUITION AND FEES**
- Undergraduate Fees ..... 18
- Graduate Fees ..... 18
- Dual Enrollment in the College of Arts and Sciences ..... 18
- Regulations Regarding Payment ..... 18
- Deferred Payment Plans ..... 19
- Withdrawal and Financial Obligations ..... 19
  - Withdrawal for Academic Ineligibility ..... 19
  - Withdrawal for Illness ..... 19
  - Withdrawal for Other Reasons ..... 20
  - Withdrawal Involving Financial Aid ..... 20

## FINANCIAL AID


Queens Scholarships/Fellowships ..... 21
Undergraduate
Ginter Fellowships ..... 21
Ministerial Tuition Remission ..... 21
Graduate
Blumenthal Fellowships ..... 21
MEd Scholarships ..... 21
Federal Programs ..... 22
Undergraduate
Pell (BEOG) Grants ..... 22
Supplement Educational Opportunity Grants (SEOG) ..... 22
College Work Study Program (CWSP) ..... 22
Undergraduate and Graduate
The National Direct Student Loan (NDSL) ..... 22
The Guaranteed Student Loan Program ..... 22
State Programs ..... 22
Undergraduate
North Carolina Legislative Tuition Grants (NCLTG's) ..... 22
The North Carolina Student Incentive Grant (NCSIG) ..... 23
Undergraduate and Graduate
The North Carolina Insured Student Loan Program ..... 23
Application Procedures ..... 23
Financial Aid Policies ..... 24


## ACADEMIC INFORMATION


Length of Admission Eligibility ..... 25
Registration ..... 25
Dual Enrollment ..... 25
Drop and Add ..... 25
Withdrawal from a Course ..... 26
Withdrawal from the College ..... 26
Attendance Policies ..... 26
Records of Progress ..... 26


## UNDERGRADUATE ACADEMIC POLICIES


Transferred Credits ..... 27
Pass/No Record ..... 27
Auditing Courses ..... 28
Term Load ..... 28
Examinations ..... 28
Student Status ..... 28
Student Rank ..... 28
Grades and Quality Points ..... 29
Academic Standards ..... 29
Eligibility to Continue ..... 29
Probation ..... 30
Dean's List ..... 31
Graduation ..... 31
Graduation with Honors ..... 31

## GRADUATE ACADEMIC POLICIES


Transfer Regulations ..... 32
Leave of Absence and Readmission ..... 32
Term Load ..... 32
Summer School ..... 32
Graduate Status ..... 32
Grading System ..... 33
Academic Eligibility ..... 33
Academic Ineligibility ..... 34
Graduate Requirements ..... 34


## UNDERGRADUATE DEGREE PROGRAMS


Degree Requirements ..... 35
- Major Program ..... 35
- Minor Program ..... 35
- Elective Hours ..... 35
- Distributed Requirements ..... 36

Undergraduate Degrees
- Bachelor of Arts Degree ..... 37
  - Business Administration Major/Minor ..... 37
  - English Major/Minor ..... 37
  - History Major/Minor ..... 38
  - Psychology Major/Minor ..... 39
- Bachelor of Science Degree ..... 39
  - Communications Major/Minor ..... 39
  - Computer Based Business Applications Major ..... 40
  - Computer Science Major/Minors ..... 41
  - Radiologic Technology Major ..... 41
- Bachelor of General Studies Degree ..... 42

Certificates
- Computer Based Business Applications Certificate ..... 43
- Computer Based Accounting Certificate ..... 43
- Written Communications Certificate ..... 43


## GRADUATE DEGREE PROGRAMS


Master of Business Administration Degree ..... 44
Master of Education Degree ..... 47
Master of Liberal Arts Degree ..... 49

**COURSES OF INSTRUCTION**
Course Changes ..... 50
Course Listings ..... 50
Course Numbers ..... 50
Art ..... 50
Biology ..... 51
Business Administration ..... 51
Communications ..... 57
Computer Science ..... 59
Dramatic Art and Speech ..... 60
Economics ..... 61
Education ..... 62
English ..... 63
Environmental Science ..... 66
French ..... 66
History ..... 66
Humanities ..... 69
Interdisciplinary Studies ..... 70
Liberal Arts ..... 70
Mathematics ..... 70
Mathematics Education ..... 71
Music ..... 72
Philosophy ..... 72
Physics ..... 72
Political Science ..... 72
Psychology ..... 72
Religion ..... 74
Spanish ..... 74
Sociology ..... 74

**BOARD OF TRUSTEES** ..... 75

**DISTINGUISHED EXECUTIVE LECTURERS** ..... 77

**BUSINESS ADVISORY COUNCIL** ..... 79

**ADMINISTRATION** ..... 81

**FACULTY** ..... 86

**DEGREES CONFERRED 1985-1986** ..... 93

# THE COLLEGE

Queens College, private and Presbyterian, is a diversified academic community serving a variety of learners, both men and women, of all ages.

Basic components of the academic community are the College of Arts and Sciences (for women), New College (coeducational), and the Graduate School (coeducational). In addition, Queens College offers non-credit coursework through the Queens Institute for Lifelong Learning for those who seek education and enrichment outside the context of formal degree programs.

## History Of Queens College

Queens was founded in 1857 as the Charlotte Female Institute. Upon affiliation with the Presbyterian Synod of North Carolina in 1896, it was known as the Presbyterian College for Women. In 1914, the move was made to the present campus in Myers Park, and it became Queens College. Through the merger with Chicora College in Columbia, South Carolina, in 1930, Queens became related to the Presbyterian Synod of South Carolina. With the creation of the Synod of the Southeast in 1973, Queens' official church relationship was extended to include Presbyterians in Georgia as well as those in the Carolinas.

The Board of Trustees holds title to the property of the College and is responsible for Queens' total program.

The 34-member board—composed of business, professional, religious, and alumni leaders—is elected by the Synod of North Carolina (10 members), the Synod of the Southeast (8), trustees (12), and the Queens College Alumni Association (4).

New College at Queens was authorized by the Board of Trustees on April 30, 1979 as an undergraduate, co-educational unit of the College. On April 30, 1979, the Queens College Board of Trustees approved the addition of a new administrative and educational unit to the College entitled "The Graduate School". Approval was also granted for the Master of Business Administration as the first graduate degree program offered by Queens College.

## Accreditation and Memberships

Queens College is accredited by the Southern Association of Colleges and Schools and the National Association of Schools of Music. Queens College is also approved for veterans' education.

Queens College is a member of the Southern Business Administration Association and the American Assembly of Collegiate Schools of Business.

## New College At Queens

New College offers undergraduate liberal arts degrees and professional programs for men and women of the community. New College is firmly grounded in the liberal arts tradition, emphasizing the joy of learn-

ing within a framework of continuing personal and intellectual development. The curriculum is designed to enhance the pursuit of personal and professional goals.

New College offers three degrees: the Bachelor of Arts degree with majors in Business Administration, English, History, and Psychology; the Bachelor of Science degree with majors in Communications, Computer Based Business Applications, Computer Science, and Radiologic Technology; and the Bachelor of General Studies degree.

New College also offers course work leading to certificates in Computer Based Business Applications, Computer Based Accounting, and Written Communications.

## The Graduate School

The Graduate School provides postbaccalaureate, coeducational opportunities for advanced study and research in demanding and distinctive academic and professional programs. The Graduate School is designed to offer a stimulating, challenging and scholarly community for the maximum intellectual and personal development of both students and faculty.

The Graduate School offers: a Master of Business Administration degree; a Master of Education degree with programs in Middle Grades and Intermediate Grades education; and a Master of Liberal Arts degree.

## The Honor Code

The Honor Code is one of the cherished traditions of Queens College and is of fundamental importance in the educational experience.

The Honor Code regulates all phases of college life and is binding on all members of the community.

The Code is based on three basic principles: (1) truthfulness at all times; (2) respect for the property of others; (3) honesty in tests, examinations, term papers and all other academic assignments.

When a student applies for admission to the College, he or she is accepting the responsibility of the honor system. This enables that student to enjoy the freedom and privilege of living in a community governed by mutual trust and respect.

## The Honor Pledge

*As a member of the Queens College community, I do hereby resolve to uphold the Honor Code of the College and endeavor to create a spirit of integrity and honor for its own sake.*

*I pledge truthfulness at all times, respect for the property of others, and absolute honesty in the performance of all academic work. Realizing that the Honor Code places upon me demands as well as privileges, I resolve to report any student, including myself, who may violate any of the principles of the Honor Code.*

*I understand the Honor Code and realize that a plea of ignorance will not be accepted by the college community.*

## The Judicial Committee

Suspected violations of the Honor Code are heard by an undergraduate or graduate Judicial Committee. Additional information is available in the Office of the Dean of New College and The Graduate School.

## Convocation

The opening convocation of the College is held during the first month of the Fall semester. This important event is designed to foster a spirit of unity, fellowship and community among the students, faculty, administration, and Board of Trustees.

## Administrative Offices

The Office of the Dean of New College and Graduate School and other administrative offices are located on the first floor of the McEwen Building.

The office of the Registrar and the Business Office are located on the first floor of Burwell Hall.

## Everett Library

The collections and services of Everett Library are available to all students enrolled in New College and The Graduate School. Students have free access to the stacks and may receive instruction in the use of the library at any time.

Through the generosity of Herschel Hill Everett, Chairman of the Board of Trustees from 1952-1967, and his wife, Cornelia Nisbett Everett, the collection was moved in 1960 into the present facility. Colonel J.N. Pease designed the building, and Edmund Lewandowski's mosaic on the facade, depicting the areas of knowledge available within the liberal arts, has become the visual focal point for the dormitory quadrangle.

The library collection is the core of the academic community and is designed to support all the programs of the college. Over 113,000 books and bound periodicals have been assembled in open stacks for student use. In addition, the library currently subscribes to 580 periodicals and retains the *New York Times* on microfilm from 1910 to the present. Approximately 2000 books are added to the collection each year. Everett Library is a member of the Federal Depository Library System and maintains a collection of approximately 25,000 U.S. government documents.

Although the book collection is centrally housed in Everett Library, the Music Department maintains a collection of phonograph records and scores pertaining to the history and performance of music.

The library is a subscriber to DIALOG, a computer search service which includes references and abstracts for published literature in many subject areas, statistical tables, and business and financial data. This service is available to students, faculty and staff.

The Margaret Louise Chapman Instructional Media Center is located on the lower level of the library. Donated by the friends of the Library in 1982, it is a full-service media center with equipment and facilities for the production and use of audio, video, film and photographic software. Production, listening and viewing rooms are available as well as computer terminals linked to the VAX located in the Computer Center.

The Education Department's state-adopted textbook collection is also housed on the lower floor in the Curriculum Lab.

A Special Collections Room houses Charlotte's Imprints, books on the history of Mecklenburg County, and materials relating to the history of Queens College.

During the two main academic sessions the library is open from 8 a.m. to 11 p.m., Monday through Thursday; 8 a.m. to 8 p.m. on Friday; 10 a.m. to 5 p.m. on Saturday, and 2 p.m. to 11 p.m. on Sunday. During exams the schedule is extended. During January and Summer terms the schedule is reduced.

## Computer Facilities

### Walker Science Computer Center

The Walker Science Compute Center is located in Walker Scienc Building and houses a DEC VA 11/750 central computer and severa microcomputers manufactured b DEC, IBM, and Apple Corp. The cen tral computer is equipped with 54 million characters of on-line disk sto rage, 30 terminals at various loca tions around the campus, and a 60 line per minute printer. Queens is subscriber to the North Carolina Ed ucational Computing Servic (NCECS) and thereby has remote ac cess to the Triangle Universitie Computation Center (TUCC) at Re search Triangle Park, N.C. Hard ware at TUCC includes an IBM 3081 as well as a number of small com puters. NCECS and TUCC suppor an extensive selection of software.

### The Dickson Microcomputer Cente

The Dickson Microcomputer Cente is located in 114 McEwen Building and provides microcomputer suppor for academic courses. The cente houses twenty IBM Personal Com puters with dual disk drives and graphics capability, ten dot matrix printers and one letter quality printer. Software available includes complete commercial versions of spreadsheet, database, word-processing, project management, accounting and linear programming packages. The center is used as both a classroom and an open laboratory. Hours for laboratory use are announced at the beginning of each academic term.

## Queens Career Center

The Queens Career Center provides various personal and group services to Queens students and to members of the community. The center offers individual and group career/life planning services. Fees are set at $50.00 for individual counseling for New College and graduate students. Fees for workshops and testing may vary.

Currently enrolled students are encouraged to utilize the library resources in the Career Center at no charge. These resources include full and part-time job listings.

The Queens Career Center is located on the second floor of Jernigan Student Center with staff offices and an extensive Career Library. The center is open from 8:30 to 5:00, Monday through Friday, and until 7:30 on Wednesday evenings.

## Bookstore

The Queens College Bookstore, operated by Saga Food Services, is located in the basement of Morrison Hall and may be entered from a door on the Selwyn Avenue side of the building. Regular bookstore hours are 9:30 a.m. to 6:00 p.m., Monday through Thursday, 9:30 a.m. to 4:00 p.m. on Friday, and 10:00 a.m. to 2:00 p.m. on Saturday.

In addition to textbooks and academic supplies, the Bookstore also sells beverages and some snack foods.

## Dining Hall

Morrison Dining Hall is open from 4:45 p.m. to 6:00 p.m. for dinner. There is a dinner ticket program that currently enrolled students may use. A ten-ticket packet may be purchased from the Saga Office in Morrison Dining Hall and used for any dinner during the semester except Wednesday night family style. A single ticket may be purchased at the door.

Other facilities available for students include the Snack Bar located in the Jernigan Student Center which operates Monday through Thursday from 8 a.m. to 9 p.m. during the Fall and Spring terms. Vending machines for student use are located in the basement of McEwen Building, the basement of Dana Building, and the first floor of the Jernigan Student Center.

# STUDENT SERVICES

## Academic Advising

In order to maximize the success of the student's educational experience, academic advising is available and encouraged for all students. The Advisor is to be used as a resource in planning course schedules and meeting graduation requirements.

The Director of New College is the primary advisor for all New College degree candidates. Students with special needs may be assigned a faculty advisor by the Dean of New College and Graduate School. The graduate program coordinators are the faculty advisors designated for the students in each graduate program.

It is the student's responsibility to schedule advising appointments as often as necessary in order to plan course schedules for each term and to discuss current academic problems.

Though the College makes every effort to counsel the student in planning a program and selecting courses of study, the student is finally responsible for fulfilling all requirements for a degree.

## Student Associations

### Undergraduate

*Student Government Association*
New College Student Government, organized in 1981, is the formal means for student involvement i the operations and activities of Ne College. Representatives are electe each fall by the student body an serve as liaisons between student faculty and administration.

### Phi Alpha Theta

A chapter of Phi Alpha Theta, th International Honor Society in his tory, was installed at Queens Colleg in 1985. Juniors who have complete at least four history courses with GPA of 3.1 or better, and an overal GPA of 3.0 or better for two-thirds o the remaining work completed, ar eligible for candidacy fo membership.

Membership in Phi Alpha Theta i recognized by the U.S. Civil Service Commission as a credit qualifying fo grade GC-7.

### Graduate School

*Graduate Class Officers*
Every fall, students in the Graduate School who plan to graduate during the upcoming academic year meet to choose class officers. A President, Vice President, and Secretary/ Treasurer are elected.

## Parking

Students may not park on the Queens College campus without registering their cars with the office of Public Safety (Stultz Building) and purchasing a parking permit. Registration of vehicles should be done at registration or within 48 hours of the first class of the semester. Students without decals are to park on the streets that form a boundary for the Queens College campus; Selwyn, Wellesley, Radcliffe, and Stanford Avenues.

The lot behind Myers Park Traditional School, off Wellesley Avenue, is also available for student parking, with or without a permit, after 5:00 p.m. Monday through Friday.

A student parking permit is valid for one academic year, costs $10.00, and allows the student to park in assigned lots and unrestricted zones during the times indicated in the Queens College Parking Rules and Regulations, available from the office of Public Safety.

## Housing

Accepted New College and Graduate School female students may live on campus in Albright Hall as part of the Live, Work and Study Program. The monthly charge is $210.00 for a furnished private room or $180.00 for a furnished shared room. A kitchen is provided on the hall with meal plans available in the Dining Hall. For further information, contact Mrs. Katie Wireman, Assistant Director of Admissions, at 337-2313, or Diana Williams, Dean of Student Affairs, at 337-2226.

## Pool and Tennis Courts

New College and Graduate School students with student ID's may use the swimming pool and five tennis courts, three of which are lighted. Open hours for the pool and tennis courts are posted each semester. For more information, call the gymnasium, 337-2228.

Students ID's may be obtained at registration or by appointment with the Office of Public Safety. They must be validated each term. The initial ID is issued at no cost, but a replacement costs $2.00.

## Health Center

New College and Graduate students may receive immunizations for measles, rubella, diphtheria and tetanus at the Health Center for a nominal charge. The Center is open 24 hours a day from 3:00 p.m. Sunday until 3:00 p.m. Friday. For an appointment call 337-2387.

# ADMISSIONS

Applications for admission may be obtained by writing the Admissions Office, Queens College, 1900 Selwyn Avenue, Charlotte, North Carolina, 28274, or by calling (704) 337-2313.

All applications should be submitted to the above address; "Attention: New College Admissions" or "Attention: Graduate Admissions". New College and The Graduate School operate on a continuous admissions procedure, announcing admissions decisions as soon as a file is complete and processed by the appropriate Admissions Committee.

## For Campus Visits

Students seeking information about the College are encouraged to visit the campus and Admissions Office. The Admissions Office is open from 8:30 a.m. to 5:00 p.m. on weekdays throughout the year. Appointments for evenings or Saturdays may be made by calling the Admissions Office during regular hours. The Admissions Office is located on the second floor of Burwell Hall.

## Record of Immunizations

North Carolina law mandates that certain students present proof of specific immunizations. New College and graduate students who register for a class which begins before 6:00 p.m., including weekend classes, must submit a physician's certified record of these immunizations prior to registration. Forms for this purpose are available from the Admissions Office or the Health Center.

## Undergraduate Admissions Requirements

New College admissions policy is d signed to select students of ou standing promise. Each applicant considered on the basis of his or h individual achievements, merit and potential for academic succes Admissions requirements include:

1. High school diploma or equivalent.
2. Transcripts from secondary schools and all colleges attended
3. SAT or ACT scores if either test has been taken.
4. Two letters of recommendation.
5. Completed application form with non-refundable fee ($5.00 for spe cial students or $15.00 for degre candidates).

### For Transfers

New College welcomes transfer stu dents from other colleges and univer sities. Applicants must request tha their transcripts from each insti tution attended be forwarded to th Office of Admissions. For course completed at other accredited insti tutions, credit usually will be trans ferred if the grade earned is C o better. Courses transferred from two year institutions are classified a either 100- or 200-level courses.

For more information about transfe credit, an applicant may call th Admissions Office and set up an ap pointment with an Admission Counselor.

### For Readmissions

A student who has withdrawn i good standing and who wishes to re turn to New College may apply fo readmission to the Office of Admis sions. Transcripts of all work at tempted at other institutions must be sent by those institutions to the Of fice of Admissions.

A student who must apply for read mission is graduated under the cata log of readmission.

## For Special Students

Students who are not candidates for degrees but who wish to enroll for credit may apply as special students. Generally, special students who do not hold a bachelor's degree are limited to a cumulative total of 15 credit hours. Permission to exceed 15 hours must be obtained from the Dean of New College and Graduate School. Anyone holding a bachelor's degree is allowed the privilege of unlimited credit. Special students must maintain a C average to continue their enrollment.

## For Credit By Examination

New College awards credit and/or advanced placement to students who score satisfactorily on approved subject level tests of the College Level Examination Program (CLEP) and to students who score satisfactorily on validation exams administered by the college.

Credit will not be granted if it duplicates credit already earned. Neither grades nor quality points will be awarded, nor may CLEP credits satisfy the final 30 hours required for graduation from Queens.

Grading of Queens validation and CLEP examinations is on a Pass/No Record basis. No more than 38 credit hours may be earned through Queens validation tests, CLEP tests, or other examinations for credit.

A recording fee of $20.00 wil be charged for each course in addition to the test fee.

Students who wish further information about CLEP should contact the Director of the Career Center.

Students who wish further information about New College validation examinations should contact the Dean of New College and the Graduate School.

## For Credit by Certification

Thirty credit hours are accepted toward a major in Radiological Technology for those persons certified by the American Registry of Radiologic Technologists.

For successful completion of the Certified Professional Secretaries examination, 24 credit hours will be awarded as follows, with the stipulation that duplicate credit will not be granted (i.e., when an individual has college credit for specific courses, whether it be from Queens or another institution, that credit will count toward graduation requirement, and the number of credit hours granted for the CPS examination will be reduced accordingly):

Part III: Economics and Management
- 3 cr. hrs. for ECO 101

Part IV: Accounting
- 3 cr. hrs. for BUS 207

Part V: Secretarial Skills and Decision Making
- 2 cr. hrs. for SPA 101
- 2 cr. hrs. for SPA 102
- 2 cr. hrs. for SPA 106
- 2 cr. hrs. for SPA 221
- 3 cr. hrs. for SPA 222
- 3 cr. hrs. for SPA 250

Part IV: Office Procedures and Administration
3 cr. hrs. for SPA 234

## High School Dual Enrollment

Any junior or senior in a Charlotte-Mecklenburg area secondary school may enroll for courses at New College when recommended by the secondary school.

Following graduation from high school, credit earned under the dual enrollment program may be applied toward a degree at Queens College or may be transferred to another institution.

### International Students

New College welcomes international students. Candidates must provide the Office of Admissions with a completed college application for admission accompanied by the payment of a $15 filing fee. Applicants must request that their transcripts from each institution attended be forwarded to the Office of Admissions. Transcripts must be translated into English by an official at the school issuing the transcript. It is recommended that international students take the Scholastic Aptitude Test (SAT). Any student for whom English is not the first language must satisfactorily complete the Test of English as a Foreign Language (TOEFL) with a score of 550 or higher and have the score sent to the Office of Admissions.

### In Summary

While there are no deadlines for applications, prospective students should apply for admission as early as possible. Application forms should be obtained from the Office of Admissions and should be returned with a nonrefundable fee of $15.00 for degree candidates or $5.00 for special students. It is the student's reponsibility to request that his or her secondary school transcripts and recommendations be sent to the Admissions Office. Transfer students must request transcripts from each college attended. The Admissions Office will act on an application as soon as all information and transcripts have been received. Accepted students are to mail a deposit of $50 within 30 days of notification of acceptance. This confirms the acceptance of the offer of admission to New College at Queens. This deposit is applied toward tuition. It may be refunded if a written request is received at least 30 days prior to registration.

## Graduate Admissions Requirements

The admissions policy of The Grad ate School is designed to select st dents of outstanding promise. Becau the student body is the College's mo important resource, careful attenti is given to each student. Each appl cant is considered on the basis of his her individual achievements and me its.

In order to be considered for admissi to The Graduate School, a stude should meet the following guideline

1. Hold a baccalaureate degree fro an accredited institution.

2. Have submitted official transcrip of all previous academic work beyor high school. All transcripts must b sent directly from each institution a tended to the Admissions Office Queens. It is the student's respo sibility to have all transcripts sent Queens College.

3. Generally have a cumulative grad point average (QPA) of at least 2.5 better on a 4.0 scale on all pos secondary academic course work. Th QPA on all major courses or cours required for preparation for the area proposed graduate study should be 3. or better on a 4.0 scale.

4. Have submitted a complete Graduate School application form i cluding the non-refundable $20 appl cation fee.

5. Have provided the Admissions O fice two letters of reference.

5. Have submitted to the Admissions Office official evidence of satisfactory scores on the aptitude test appropriate for the degree sought. Special planning is necessary to assure that tests are taken with sufficient lead time for scores to be sent to the Queens College Admissions Office in order to permit consideration for the desired semester of matriculation.

MBA applicants must submit satisfactory scores on the Graduate Management Admissions Test. The test is to have been taken within the last five years.

MEd applicants are required to hold a North Carolina "A" Certificate or the equivalent. Applicants are also required to submit satisfactory scores on either the Graduate Record Examination or the Miller Analogy Test.

An MEd applicant who does not hold a North Carolina "A" certificate or the equivalent may apply for admission with prelimiary or non-degree graduate status only.

A program can be designed with the MEd advisor to fulfull "A" certification requirements. Most of the required courses for a teaching certificate are offered only in the College of Arts and Sciences at the undergraduate level; however, there are graduate level courses that will meet some of these requirements. A student is expected to complete a minimum of twelve credit hours successfully at Queens College before undertaking student teaching.

For further information pertaining to student teaching, contact the Director of Teacher Education Programs at Queens College.

MLA students must submit a satisfactory score on the Graduate Record Examination or the Miller Analogy Test.

Applicants' scores, in conjunction with their academic records, are evaluated by the Graduate Student Qualifications Committee.

7. Applicants from non-English speaking countries must also submit the following documents.

a. A test score of 550 or higher on the Test of English as a Foreign Language (TOEFL) examination. Information and registration forms are available from TOEFL Program, ETS, Princeton, New Jersey, 08540

b. Certified English translation of all prior academic records for work which corresponds to the bachelor's degree in the United States.

c. Bank statements stating the amount of money, in U.S. currency, available for the student's education. Because there are no federal or state financial aid resources for foreign students, the student and his or her family should be prepared to bear all expenses involved in obtaining an education in the United States.

# TUITION AND FEES

While the Board of Trustees and Administration of the College reserve the right to adjust the schedules at Queens at any time, the following basic fees have been established for the fiscal year 1986-87.

An initial deposit of $50.00 is required from new students within 30 days of notification of acceptance. This deposit is applied toward tuition and is non-refundable within 30 days of registration for the applicable term. **An additional fee may be charged for courses utilizing the Dickson Microcomputer Center.**

## Undergraduate Tuiton

| | |
|---|---|
| Tuition Per Credit Hour | $118.00 |

## Undergraduate Fees

| | |
|---|---|
| Application Fee (non-refundable) | |
| Degree Candidate | 15.00 |
| Special Student | 5.00 |
| Registration Fee (non-refundable) | 10.00 |
| Late Registration Fee (non-refundable) | 5.00 |
| Transcript Fee (if necessary) | 3.00 |
| Graduation Fee | 50.00 |
| Parking Permit | 10.00 |
| Identification Card Replacement | 2.00 |

## Graduate Tuition

| | |
|---|---|
| MBA Per Credit Hour | $135.0 |
| MLA Per Credit Hour | $130.0 |
| MEd Per Credit Hour | *$130.0 |

*Master of Education student should note details of the Scholarshi program on page 21.

## Graduate Fees

| | |
|---|---|
| Application Fee (non-refundable) | 20.0 |
| Registration Fee (non-refundable) | 10.0 |
| Late Registration Fee (non-refundable) | 5.0 |
| Transcript Fee (if necessary) | 3.0 |
| Graduation Fee (Cost of purchasing Masters hood is not included.) | 65.0 |
| Parking Permit | 10.0 |
| Identification Card Replacement | 2.0 |

## Dual Enrollment in Queens College of Arts and Sciences

Tuition for the College of Arts and Sciences is $130.00 per credit hour for 11 or fewer hours. New College and Graduate School students who take a course in the College of Arts and Sciences will pay the College of Arts and Sciences' tuition. Students who take *12 or more hours in the College of Arts and Sciences* must pay its comprehensive fee of $2,825 for the term.

## Regulations Regarding Payment

Upon signing the application for admission, the applicant accepts as binding all fees and regulations set forth in the Catalog.

. A student is not permitted to attend classes until satisfactory arangements have been made to meet ll financial obligations.

Continued class attendance is contingent upon maintaining good fiancial standing throughout the erm.

. Credits for financial aid are dided equally between the fall and pring terms.

. No discount or scholarship award ay be applied against the initial 50 deposit.

. Diplomas, certificates, and trancripts are granted only when the tudent's accounts have been paid in ull.

## eferred Payment Plans

ueens College offers two deferred ayment plans: a Scheduled Payent Plan and a Company Asistance Plan.

### Scheduled Payment Plan

cheduled Payments Plans are vailable for Term I, Term II, and ummer Sessions. The Scheduled ayment Plan is not available for the anuary Term. Only tuition, room, oard, and registration fees may be eferred. Microcomputer fees are to e paid at registration. The 1% derred payment fee and any misellaneous charges are to be paid in ull when invoiced.

ayments for Term I payment may e made in four equal installments, ayable at registration and on the 5th of September, October, and lovember. Payments for Term II ay be made in four equal intallments, payable at registration nd on the 15th of February, March nd April. Summer payment dates ill be published in the spring prior registration for the Summer Term.

A deferment fee of 1% is assessed on the last day of each month on tuition and fees deferred under this plan. This assessment begins with the last day of the month in which registration occurred regardless of the date of registration, unless otherwise noted.

### II. Company Assistance Plan

If a student's employer is paying all or part of the student's tuition, Queens College will defer payment of that portion of tuition until six weeks after the end of the term. A 1% deferment fee will be assessed on the last day of each month on tuition and fees deferred under this plan. This assessment begins with the last day of the month in which registration occurred regardless of the date of registration, unless otherwise noted.

## Withdrawal and Financial Obligations

### Withdrawal for Academic Ineligibility

A student determined to be academically ineligible to return by the Student Qualifications Committee of the College will receive a refund if the student has made payments or has a credit balance toward the next term's tuition and fees. Such decisions are made at the end of each term.

### Withdrawal for Illness

Students who withdraw from the College during the academic year as a result of illness will have tuition prorated as of the date of withdrawal, provided the physician recommends withdrawal in a letter to the Dean of the Graduate School and New College.

### Withdrawal for Other Reasons

Students who withdraw from the College during the academic year on their own initiative will have tuition prorated as of the date of withdrawal as shown below.

*Undergraduate and Graduate*

| | Term I | Term II |
|---|---|---|
| 25% charged if withdrawing by | 9-9-86 | 2-2-87 |
| 50% charged if withdrawing by | 9-16-86 | 2-9-87 |
| 75% charged if withdrawing by | 9-25-85 | 2-16-86 |
| 100% charged if withdrawing after | 9-25-85 | 2-16-86 |

Proration dates for the Summer Term will be published prior to registration. There will be no refund of tuition or fees in January Term after registration. Fees are not subject to proration in any term.

Students suspended by the College will be subject to tuition proration according to the schedule above.

Students who feel that individual circumstances warrant exceptions from the above-stated policy may appeal to the Financial Policies Committee, provided such appeal is made in writing to the Treasurer and Business Manager before the end of the term for which proration is requested.

## Withdrawal Involving Financial Aid

If the Business Office determine that the student is due a refund an all or part of the student's insti tutional charges were paid with fi nancial aid funds, all or a pro portionate part of the total refun must be returned to the Title IV Fi nancial Aid Accounts and may b returned to other financial aid ac counts if necessary.

Amount to be returned will be de termined as follows:

1. $\frac{\text{Title IV Aid}}{\text{Total Aid Package}} = x/y$
2. This fraction (x/y) will be applie to the total refund due.
3. The resulting amount is the am ount of the Title IV funds to b returned to Title IV Programs.

Queens' policy will be to distribute this amount of funds to Title IV Programs in the following order, in n case exceeding the total amount originally awarded from that fund.

### Undergraduate

(1) Supplemental Educational Opportunity Grants
(2) National Direct Student Loans
(3) Pell Grants
(4) Guaranteed Student Loans
(5) Other Programs (State and Institutional)

### Graduate

(1) National Direct Student Loans
(2) Guaranteed Student Loans
(3) Other Programs (State and Institutional)

# FINANCIAL AID

Queens makes every effort to meet the demonstrated need of students. Both undergraduate and graduate students must take six credit hours at Queens in order to be eligible for any financial assistance. Although students who are employed may not qualify for grant assistance on the basis of need, the Student Aid Office will seek to determine sources of loan assistance whenever possible.

## Queens Scholarships and Fellowships

### Undergraduate

*Karl and Anna Ginter Fellowships* range from a $300 honorarium to a maximum of $2,000 annually, and are awarded to new degree candidates enrolled in New College. Awards are made on the basis of academic promise, personal achievement, and outstanding character. Fellowship recipients must take a minimum of 12 credit hours per year (including summer) and must maintain a cumulative grade point average of 3.0.

Each degree candidate is eligible to apply for a Ginter Fellowship only upon entry into the program. Awards are made annually. Applications are available through the Admissions or Financial Aid Offices.

*Ministerial Tuition Remission* is available to any full-time, undergraduate student who is the dependent or spouse of an active Presbyterian minister. Dependents of active ministers of the Presbyterian Church U.S.A. Synods of North Carolina and the Southeast will receive a 20% tuition remission. Dependents of active ministers in all other Synods of the Presbyterian Church U.S.A. will receive a 15% tuition remission.

### Graduate

*Blumenthal Fellowships,* made possible by the Blumenthal Foundation, range from a $300 honorarium to a maximum of $2000 annually and are available to Masters of Business Administration (MBA) students who are truly outstanding in terms of academic achievement and potential. Blumenthal Fellows are selected by the Graduate Honors Committee on the basis of academic achievement, community service, and outstanding character.

Any student accepted into the MBA program is eligible to apply for a Blumenthal Fellowship. The student must have a GMAT score of at least 525 and a minimum total index of 1150 (QPA x 200 plus GMAT score). The opportunity to apply or to be nominated for this fellowship is only available upon entry into the graduate program. Awards are made annually.

Blumenthal Fellows must attend and participate in The Blumenthal Conference on Business Ethics held annually at Wildacres Retreat in Little Switzerland, North Carolina. Fellows' expenses are covered by the Foundation.

For further information, contact Katie M. Wireman, Assistant Director of Admissions.

*MEd Scholarships* of 50% of graduate tuition are available to all qualified MEd applicants. To apply for the MEd Scholarship the student must complete the appropriate form supplied by the Admissions Office.

## Federal Programs

### Undergraduate

1. *Pell (BEOG) Grants* are available to eligible undergraduate students on the basis of financial need. The maximum grant is $2,100 for full-time enrollment (12 hours) and varies depending upon enrollment status and financial need. Half-time (6 hours) enrollment is required. A student may submit the Student Aid Report resulting from filing an application for Federal Aid to the Office of Financial Aid at Queens to determine the amount for which he or she is eligible. A signed copy of the 1985 income tax return is required for all documentation before the awarding of a Pell grant.

2. *Supplement Education Opportunity Grants (SEOG)* are available on an annual basis to undergraduate students demonstrating need. These grants range from $200 to $2,000 and may be renewed from year to year depending on need.

3. *The College Work Study Program (CWSP)* assists qualified students in meeting educational expenses through employment on campus during the academic year at a specified hourly rate. Eligibility for this program depends upon financial need.

### Undergraduate and Graduate

1. *The National Direct Student Loan (NDSL)* program permits students with established need to borrow as much as $3,000 during their first two years of undergraduate enrollment, and up to a total of $6,000 during the undergraduate programs. Students with extreme need may be eligible for loans for graduate study. The total loan limit for undergraduate and graduate study is $12,000. These loans bear a 5% annual interest rate during repayment. Repayment begins six months after the borrower ceases to be at least a half-time student and may extend over a period of 10 years. If the borrower enters certain public-service occupations, the loan may be canceled.

2. *The Guaranteed Student Loan Program* permits students, upon recommendation of the College, to borrow from a bank or other financial institution with a federal government guarantee of repayment. Terms for these loans and of guaranteed interest arrangements may be obtained from participating banks or agencies in the state where the student resides. The College will advise the student in the process. North Carolina residents should apply for the N.C. Insured Student Loan through College Foundation, Inc. (see State Programs). The amount of funds available under federal programs is determined by the U.S. Department of Education and congressional action. Students' awards vary with availability of funds and program regulations, subject to annual legislative changes.

## State Programs

### Undergraduate

1. *North Carolina Legislative Tuition Grants (NCLTG's)* in the amount of $950.00 per academic year are available to North Carolina residents pursuing their first bachelor's degree and enrolled for 12 credit hours per semester.

2. *The N.C. Student Incentive Grant (NCSIG)* is available to North Carolina residents who are full-time students and who demonstrate extreme financial need. Grants range up to a maximum of $1,500 for eligible students. Need analysis (FAF) report must be sent to the NCSIG Program in Raleigh, N.C. before March 31.

### Undergraduate and Graduate

*The North Carolina Insured Student Loan Program* permits state residents enrolled at least half-time (6 hours) to borrow up to $2,500 per year for undergraduate study and up to $5,000 per year for graduate study. The maximum loan limit for undergraduate study is $12,500 and $25,000 for graduate and undergraduate borrowing. Interest rates are currently 8%, and under certain conditions the U.S. Department of Education pays the interest on these loans during the in-school and grace periods. All students must submit to some form of needs test in order to determine eligibility. Loan applications should be requested directly from the lender:

College Foundation, Inc.
1307 Glenwood Avenue
Raleigh, N.C. 27605.

State programs are subject to federal and N.C. legislative changes.

## Application Procedures

To apply for federal and state financial assistance, students must have been admitted to the College as degree candidates and must complete and submit two application forms:

1. The Queens College Application for Financial Aid to be submitted to the Director of Financial Aid, Queens College, Charlotte, North Carolina 28274.

2. The Financial Aid Form (FAF) to be submitted to the College Scholarship Service, Box 2700, Princeton, New Jersey 08541. The student should list Queens College, Charlotte, N.C., CSS code 5560, as the institution to receive the report.

A copy of the 1985 Income Tax Return may be required for verification purposes, as well as other documentation as requested.

Application for financial aid should be submitted by entering students as soon as possible. Notification of action by the College will be sent after Queens receives an evaluation of the applicant's need from the College Scholarship Service.

# Financial Aid Policies

Most financial aid programs are renewable throughout undergraduate or graduate years if the recipient demonstrates satisfactory academic progress. The Student Qualifications Committee evaluates the progress of undergraduate students at Queens and determines eligibility for continued enrollment according to the standards indicated under "Academic Standards" and "Eligibility to Continue." The Graduate Qualifications and Standards Committee evaluates the progress of graduate students at Queens and determines eligibility for continued enrollment, according to the standards indicated under "Academic Regulations." Students receiving federal Title IV financial aid funds must meet these minimum standards *as well as* a minimum credit hour accrual which indicates progress toward completion of a degree.

Statements of Academic Progress Standards are sent to all aid recipients with award notice and are available upon request from the Financial Aid Office.

Students must reapply to the Financial Aid Office for assistance each year. The amount offered may vary from year to year depending upon availability of funds and need of students.

Financial aid recipients who withdraw during the school year will have their aid prorated according to the regulations governing withdrawal.

Queens reserves the right to revie
and modify an offer of financial a
should the recipient receive aid fro
other sources after the Queens' pr
gram has been offered. All feder
and state programs are subject
congressional legislative change.

# ACADEMIC NFORMATION

## .ength of Admission Eligibility

Acceptance into the College will remain effective up to one calendar ear following the commencement of he semester for which the acceptnce has been made. Individuals who ish to enter after the one-year eriod are required to reapply, and he admission decision will be based n the existing admission standards t the time of the reapplication.

## atalog of Entry

he catalog in effect for the semester n which the student register for his r her first class is the student's atalog of entry.

## ual Enrollment

Men and women enrolled in New Colege or The Graduate School at ueens may, with permission, take a ourse in the College of Arts and ciences, the traditional women's ollege at Queens which offers ourses during the day.

ermission forms are available in he Graduate School and New Colege office.

ual enrollees will follow the proedures and policies of the College of rts and Sciences. Additional inforation may be obtained from the egistrar.

## egistration

ll students are expected to register t the time and place indicated on the chedule each term.

## Record of Immunization

North Carolina law now requires students who register for a class which begins before 6:00 p.m., including week-end classes, to present valid certificates of immunization to the College at or prior to registration unless the student is exempt from the law. A student will be exempt from the law if the student was enrolled in the 1986 Spring or Summer term and is continuously enrolled after that time, OR, if an exemption is granted for medical reasons, OR, if an exemption is granted for religious reasons. Record of immunization is NOT necessary for students who are ONLY taking classes which begin at 6:00 p.m. or later.

Students who register for a class beginning before 6:00 p.m., who are not exempt, must present valid certificates of immunization for three diphtheria and tetanus immunizations and, if the student is under age 30, for
measles and rubella. Any student who does not present valid proof of immunization or exemption must be immunized during the initial 30 days of the semester. Students who fail to comply will *not* be allowed to continue to attend classes.

Forms which students may provide their physicians to certify immunization are available in the Health Center. Students may also call the Health Center to schedule an appointment for immunizations, or to receive further information. The Health Center is open 24 hours a day from 3:00 p.m. Sunday until 3:00 p.m. Friday, and may be contacted at 337-2387.

## Drop and Add

The Drop and Add period is limited. A course may be dropped only before the first class meeting. After the first class meeting, the only way to drop the course without financial penalty is to add another course in its place.

When a course is dropped there is no record of that registration, and no charge is incurred for that course. A student who drops all of his courses in New College in his first semester of attendance will not have matriculated into the college.

To drop a course the student must contact the Office of the Dean of the Graduate School and New College and complete the appropriate form.

## Withdrawal From A Course

After the first class in a course has met, the student who does not wish to continue in that course but does not add another in its place must *withdraw* from the course, and a full refund is not possible. (See section on Withdrawal and Financial Obligations).

Withdrawal from a course is a different process from dropping a course, described above. After the first class in a course has met, a student must contact the office of the Dean of the Graduate School and New College to withdraw from a course. The student will receive a grade of WP or WF.

A student who abandons a course during a semester will receive a grade of F for the course.

The deadline for withdrawing from a course is one calendar week after the mid-point in each Fall and Spring term. A student who misses the deadline for Withdrawal from a course may petition the Dean of New College and the Graduate School for permission to withdraw.

## Withdrawal from the College

A student wishing to withdraw from the College must notify the Dean of New College and The Graduate School in writing in order to maintain a good standing. Appropriate withdrawal forms are available in the New College and Graduat School Office. Upon withdrawal fro the College all grades in progre will be recorded as either WP or W If a student simply stops attendin classes and does not notify the Dea of New College and The Graduat School before the end of the term, a grades will be recorded as F.

Students who will be unable to regi ter for two consecutive major (Fal Spring) terms should notify the Dea of New College and The Graduat School and withdraw from the Co lege. This will facilitate their rea mission at a later date.

Other students who fail to enroll fo two consecutive major (Fall/Spring terms will be automatically with drawn from the College. Withdraw students must reapply through th Admissions Office in order to retur

The College reserves the right to re quire at any time the withdrawal of student whose conduct or academi work is not considered satisfactory

## Attendance Policies

The College expects students to at tend all class sessions. Specific at tendance policies for each course ar set by the individual faculty mem ber. The faculty member announce at the beginning of each term th policy to be applied in a particula course and attendance policies fo each course are kept on file in th Office of New College and Th Graduate School.

## Records of Progress

Records of Progress are kept by thi institution on veteran and non veteran students alike. Progress re cords are furnished to the students a the end of each scheduled term.

# ACADEMIC POLICIES Undergraduate

## Transferred Credits

At the time of admission to the College as a degree candidate, courses taken previously at other schools will be evaluated by the Registrar who will determine the number of credit hours which will transfer toward a New College degree. After a student has been admitted to New College, he or she must request prior approval from the Dean of New College and the Graduate School and the appropriate department head for any course which the student wishes to take at another school and transfer back to New College. Courses taken without prior approval will not be accepted for credit.

## Residency Requirement

Every degree candidate who does not already hold an undergraduate degree from an accredited college or university must complete at least 60 hours of his or her academic program at New College. However, students who have not earned a bachelor's degree but who have earned more than 60 hours at the undergraduate level may apply through the Dean of New College and The Graduate School to the Undergraduate Student Qualifications Committee for a possible reduction of the 60 hour residency requirement.

The residency requirement may be reduced for the student who has an overall B average in all transferred work with a least 70% of the transferred work earned at an accredited four-year institution. At least 50% of the major must be taken at Queens College. The 60 hour minimum residency requirement may not be reduced by more than 15 hours.

The last 30 hours (equivalent to the senior year) **must** be taken at New College. Students who wish to take a portion of their last 30 hours at another school must request permission in writing from the Dean of New College and The Graduate School.

### Second Degree Candidates

Students who hold an undergraduate degree either from Queens or from another accredited college or university, and who are seeking a second degree from Queens, must complete at least 30 semester hours at Queens.

## Pass/No Record

P/NR is a grading philosophy designed to encourage students to explore new areas. Courses selected by the student to fulfill the Distributed Requirements may be taken P/NR. A grade of P is recorded if the student makes a grade of C or above. If the student makes a D or F, it is not recorded. Courses taken for P/NR are not counted in the calculation of the student's quality point average.

Students may take up to a maximum of two courses a year on a P/NR basis, but may take no more than one course on a P/NR basis in any one term. The student must indicate when registering for the course that grading will be P/NR. Up to one week after the mid-point of the semester, however, the student may change from P/NR basis back to a graded basis. Some courses specifically designated (for example, art studio, applied music) may *not* be taken P/NR. Unless a student obtains permission from the Dean of New College and The Graduate School a course in a major department may not be taken on a P/NR basis.

Students planning advanced academic work should be informed that *Pass* grades may be interpreted as C by graduate institutions and an inordinate number of such grades may be looked upon with disfavor by graduate admissions committees.

## Auditing Courses

With the written consent of the Dean of New College and The Graduate School and the course instructor, a student may audit a course. Audit courses receive no credit, but do appear on college transcripts. Students must designate audit courses at registration. Drop/Add and Withdrawal procedures apply to audit courses. Auditors are expected to attend classes regularly. Students who wish to audit a course must follow standard Admissions procedures. There is no reduction in tuition for auditing a course.

## Term Load

An undergraduate student who is employed full-time may not take more than eleven academic credit hours per term without the written permission of the Dean of New College and The Graduate School.

## Examinations

The student's work is evaluated periodically. At the end of each term, evaluations—normally written examinations—are made in all courses. Final written examinations are generally between two and three hours long. In 300 and 400 level courses the instructor may give the examination during the regularly scheduled time or may give a take-home examination. The schedule for final examinations is established b the Registrar. Permission to chang an examination schedule or to mak up an examination must be grante by the Dean of New College and th Graduate School.

## Student Status

A *degree candidate* is one who is ac mitted to pursue a Bachelors degree

A *special student* is one who is admit ted with a non-degree status, an may enroll for a cumulative total o 15 credit hours. After completing 1 credit hours, a special student mus apply for admission as a degree can didate or for special permission t continue. A student already holdin a bachelor's degree may take an un limited number of hours as a specia student.

A *transient student* is a degree candi date at another institution enrolle for credit at Queens through ar rangements with the institutio which will ultimately grant th degree.

## Student Rank

Students following a degree program are granted class rank according t their credit hours earned.

| Class Rank | Credit Hours |
|---|---|
| Freshman | 0-23 |
| Sophomore | 24-51 |
| Junior | 52-89 |
| Senior | 90-120 |

## Grades and Quality Points

Graduation requirements are based on both the quantity and quality of the student's work. New College uses the following system of grades and quality-point value per credit hour.

| Grade | | *Quality Point Value* |
|---|---|---|
| A | | 4.0 |
| A– | | 3.7 |
| B+ | | 3.5 |
| B | | 3.0 |
| B– | | 2.7 |
| C+ | | 2.5 |
| C | | 2.0 |
| C– | | 1.7 |
| D+ | | 1.5 |
| D | | 1.0 |
| F | | 0.0 |
| P | Pass with a C or better | (0) |
| N/R | No Record | (0) |
| WP | Withdrew with a D or better | No effect on quality points |
| WF | Withdrew failing | No effect on quality points |
| I | Incomplete | May become A to F upon completion |
| AU | Audit | No effect on quality points |

A grade of I automatically becomes F if the student fails to make up incomplete work satisfactorily. A grade of I incurred during the Fall or January term must be removed by the end of the first two weeks of the following spring term. An I incurred during the Spring term or Summer term must be removed by the end of the first two weeks of the following Fall term.

A student may request an extension of this period not to exceed the end of the immediately following semester. Permission is granted at the discretion of the instructor and must be filed in the Registrar's Office.

Grade reports are sent at the end of each term. Mid-year reports may be issued in Terms I and II to indicate special difficulties in course work. Only final term grades are permanently recorded.

A student who has received an F for a course may repeat that course; the F will remain on the student's record in that case, but only the second grade for the course will be figured into the student's cumulative quality point average.

Note: This is the only case in which a student may register to enroll in the same course twice unless the course is listed "May be repeated for credit."

## Academic Standards

While New College makes every effort to encourage students and to assist those in difficulty, it is unfair to the student and to the College to retain anyone who fails to make reasonable progress.

## Eligibility to Continue

The faculty of Queens College determines the academic standards which are administered by the Undergraduate Student Qualifications Committee. This committee reviews each case of academic difficulty at the end of each term and determines the student's eligibility status.

When students fail to make satisfactory progress according to the guidelines stated in the Catalog, the Undergraduate Student Qualifications Committee places various stipulations to encourage the student to meet the minimum standards. If the student does not meet the stipulations set, he or she will be subject to dismissal from the College.

## Probation

A student who does not maintain satisfactory scholastic standing may be placed on academic probation. A student is automatically placed on academic probation if his or her cumulative quality point average is below the following values for class standing.

| Credit Hours | Minimum Cumulative Quality Point Average |
|---|---|
| 0-12 | 1.500 |
| 13-23 | 1.800 |
| 24-37 | 1.800 |
| 38-51 | 1.900 |
| 52-70 | 1.900 |
| 71-89 | 2.000 |
| 90-120 | 2.000 |

Students on academic probation who receive the grade of incomplete (I) during Term I or Term II must complete the course work and receive a regular letter grade before the beginning of the following regular academic term (I or II).

Queens summer school will be considered in evaluating a student's probationary status provided that a minimum of nine semester hours is taken.

A student on academic probation may petition the Dean of New College and The Graduate School for exception from probation if the student has received a QPA of 2.500 or better for the previous Term I or II. The student who does not show improvement and fails to meet the scholastic standard may be asked to withdraw from the College.

The records of part-time *degree candidates* will be reviewed for probationary consideration after 9 semester hours of work have been completed at Queens College and thereafter in increments of 9 semester hours of work. Part-time students will be expected to maintain cumulative quality point average commensurate with their class status.

The records of *special students* also will be reviewed after 9 semester hours of work have been completed at Queens College.

The student who does not show improvement and fails to meet the college's scholastic standards may be asked to withdraw from the college. All decisions regarding dismissal may be appealed to the President of the college.

*Readmission*

Full time students will be eligible to apply for readmission after completing at least 9 semester hours with a grade of C or better in each course, at an accredited institution in

a. one fall or spring term,
   OR
b. one long summer semester,
   OR
c. two short consecutive summer sessions.

Part time students will be eligible to apply for readmission after completing at least 9 semester hours with a grade of C or better in each course at an accredited institution.

## ean's List

ach Fall a New College Dean's List compiled and published naming ose New College degree candidates ho qualified during the previous ademic year. The year begins in e summer and continues through rm I and January Term, and conudes with Term II.

egree candidates who have no outanding incompletes and who have mpleted a minimum of 12 hours on graded basis during this time riod with a cumulative quality int average of 3.50 or better are igible for the New College Dean's st.

## raduation

is the responsibility of each degree ndidate to file notice of intent to aduate with the Director of New llege at least two academic terms ior to the anticipated completion of l degree requirements. Students o plan to graduate in December 87 should file notice by December 1986. Students who plan to gradue in May 1988 should file notice by ay 31, 1987. Students who plan to aduate in August 1988 should file tice by August 31, 1987.

rms are available in the New Colge Office.

## raduation with Honors

he titles *summa cum laude, magna m laude,* and *cum laude* are arded by the College upon the recmmendation of the Honors Comittee and the approval of the facty. The title *summa cum laude* is arded to students who have a grade point average of 3.850, and to students who have successfully completed an Honors Thesis and have a grade point average of 3.750; the title *magna cum laude* to students who have a grade point average of 3.650; and the title *cum laude* to students who have a grade point average of 3.500.

A student must have completed at least 60 credit hours for graduation at Queens College to be eligible for graduation with honors. His or her grade point average will be determined by work taken at Queens College.

# ACADEMIC POLICIES Graduate

## Transfer Regulations

Generally, no more than six semester hours (2 courses) of graduate work in a thirty-three hour program or twenty percent of a program may be transferred from another institution. Only graduate courses with a grade of B or better will be considered for transfer credit. Courses considered for transfer credit must have been completed within the three years immediately preceding admission into a Queens College graduate program. Granting of transfer credit is dependent upon the specific course under consideration which will be evaluated in terms of content, level, and equivalency of the courses in The Graduate School. Any grade received from another institution will not be figured in the quality point average.

After a student has been admitted to the Graduate School, he or she must request prior approval from the Dean of New College and The Graduate School and the appropriate Coordinator for any course to be taken at another institution and transferred back to Queens College. Forms are available in the Office of the Dean of New College and The Graduate School

## Leave of Absence and Readmission

A graduate student may be granted a leave of absence for a number of semesters not to exceed one calenda year. A request for a leave of absen should be sent in writing to the Dea of New College and The Graduat School. If the student returns on th agreed upon date, he or she will ree ter the program with the same statu as held at the time the leave con menced. Students who do not obtai a formal leave of absence shall b considered withdrawn from the Co lege and will have to re-apply to gai readmission.

## Term Load

A full-time graduate academic loa is nine hours. A student who is em ployed full-time may not take mor than six graduate credit hours pe semester or a combination of gradu ate and undergraduate courses o nine or more hours without the writ ten permission of the Dean of Ne College and The Graduate School.

## Summer School

The Graduate School operates at ful capacity during the summer months Schedules vary according to the de gree program and are published prio to registration.

## Graduate Status

Individuals allowed to enroll in th graduate courses must be admitte under one of the followin classifications:

*Full Graduate Status*
Full graduate status will be given t applicants who have met all admis sions requirements including a satis

ctory undergraduate quality point rerage, an acceptable aptitude test ore, and the satisfactory com- etion of any required preparation prerequisite courses.

*eliminary Graduate Status*
pplicants who have not yet com- eted the required preparation urses may be designated as having eliminary graduate status. Each udent granted preliminary gradu- e status will be responsible for no- fying in writing the Dean of New llege and The Graduate School hen he or she has satisfied the con- tions for admission to full graduate atus.

*obationary Graduate Status*
n applicant whose undergraduate PA or aptitude test score is mar- nal or who has failed to maintain a average (4.0 scale) in previous aduate course work may be given obationary graduate status. Six urs of graduate work must be com- eted at Queens College with a 3.0 better QPA to be removed from obationary graduate status.

*on-degree Graduate Status*
student who wishes to take gradu- e courses for transfer to another stitution, for personal satisfaction, for teaching certificate renewal, t does not wish to work toward a gree, will be classified as having n-degree graduate status. To be mitted as a non-degree graduate udent, an individual must com- ete the same admissions pro- dures as other graduate applicants d must meet the standards for neral admissions into the graduate ogram. Generally, a graduate stu- nt may not take more than nine urs as a non-degree student. After mpletion of nine hours, the student ay apply for the appropriate aduate status.

## Grading System

The grading system for graduate status is:

A - outstanding graduate level work

B - good or high pass in graduate level work

C - fair or low pass in graduate level work

F - failure in graduate level work

I - incomplete

W - withdrawal

*Incompletes*
A student who has received the grade of Incomplete (I) has a specific time period within which to complete the course work. A grade of I automatically becomes F if the student fails to make up incomplete work satisfactorily. It is the student's responsibility to contact the professor and make arrangements for the work to be completed.

A grade of I received during Term I must be changed to a grade by the end of the second full week of Term II. Term II and Summer Term incompletes must be changed no late than two weeks into Term I of the following academic year.

## Academic Eligibility

To remain in a graduate program, a student must maintain a 3.0 average on a 4.0 scale and must not make a grade of C or lower in more than two graduate courses. In addition, graduate students should maintain a

3.0 average in all prerequisite work. Any grade received from another institution will not be figured in the quality point average.

## Academic Ineligibility

The graduate faculty determines the academic standards which the Graduate Student Qualifications Committee administers.

This committee reviews each case of academic difficulty to determine the appropriate action and academic status for the graduate student.

If a student receives two C's in graduate courses and has a cumulative quality point average less than 3.0, the student will be placed on probationary status. If the student receives more than two C's, he or she will be placed on probation and may be dismissed from the program. A student placed on academic probation will have his or her record reviewed again by the Graduate Student Qualifications Committee after six additional hours of graduate work have been completed in order to determine whether sufficient academic progress has been demonstrated for the student to be allowed to continue in the program.

If a graduate student does not meet program requirements or adhere to recommendations of the Graduate Student Qualifications Committee, he or she will be subject to dismissal from the College. All decisions regarding dismissal may be appealed to the Vice President of Academic Affairs and the President of the College.

## Graduation Requirements

A student may graduate only aft meeting all of his or her specific pr gram requirements and completi that program's required course wo with a quality point average of 3.0 better in the graduate courses. N more than six extra hours (2 cours may be taken for the purpose of i creasing the student's QPA to th required level.

No course with an assigned grad below C may apply toward degre requirements. A student who ha earned an F in a course may repea that course once. The F will remai on the student's record in any cas but only the second grade for th course will be figured in the student cumulative quality point averag Only one such course may b repeated.

All graduate courses must be com pleted within five years of admissio A candidate required to take prep aration courses or remedial wor must finish both preparation an graduate work within seven years admission.

# UNDERGRADUATE DEGREE PROGRAM

The educational program leading to degree is composed of three interelated parts: a program of distributed requirements, a major program, and a program of elective ours. The last may include the hoice of second major or one or two inors.

## egree Requirements

) A minimum of 120 credit hours in cademic courses is required for a egree, with a cumulative quality oint average of 2.000 in all courses aken at New College and in all ourse work in the chosen field of oncentration.

) At least 36 credit hours must be in ourses of 300 level or higher.

) Every degree candidate must mplete at least 60 hours of his or er academic program at New Colge and must spend the equivalent the last academic year (last 30 ours) at New College.

owever, students who already hold n undergraduate degree either from ueens College or from another accredited college or university, and ho are seeking a second degree from ueens, must complete at least 30 emester hours at Queens; all requirements as specified for their osen major; and distributed requirements as specified by the Registrar. They must achieve a minimum mulative quality point average of .000 on all work completed at ueens College and a minimum mulative quality point average of .00 on work in the major.

(4) A degree candidate pursuing a degree other than the Bachelor of General Studies must complete 12 courses of distributed requirements in six areas spread throughout the curriculum.

(5) A degree candidate must complete a minimum number of semester hours in the major (that number being stipulated under each major), according to their catalog of entry.

(6) A student must fulfill the degree requirements set forth in the Catalog which is current when the student registers for his or her first course as a degree candidate in New College.

## Major Program

The purpose of a major is twofold: to give the student the opportunity to go far enough into a field to achieve some mastery of it; and to enable him or her to acquire knowledge, skills, and attitudes which may be helpful in a career.

## Minor Program

If a student chooses, it is possible to include one or two minors in an undergraduate program. The minor shall consist of a minimum of 18 hours in a department other than his or her major. The minor may be taken in any program so designated in the Catalog. Minor programs must be approved by the advisor and the department concerned.

## Elective Hours

Students must choose elective hours, in addition to distributed and major requirements, to complete the hours required for graduation. Electives afford an opportunity to develop one or two minor programs, to study in fields which directly support the major program, and to gain knowledge in additional areas.

## Distributed Requirements

Every degree candidate must complete 36 hours of distributed requirements to assist the student in developing a program of study which will be widely representative of the liberal arts.

### Area I—Communication Skills

*(Both of these courses are required.)*

ENG 101 Communication Skills I
ENG 102 Communications Skills II

### Area II—Mathematics or Foreign Language

*(Any two math courses or two courses in a foreign language will fulfill this requirement.)*

MAT 105 Finite Mathematics
MAT 206 Statistical Methods
*(See mathematics section for additional courses.)*
FRE 101, 102 Elementary French
SPA 101, 102 Elementary Spanish

### Area III—History, Philosophy, or Religion

*(Two courses must be chosen from different departments, i.e., History and Religion)*

HIS 101 World Civilization I
HIS 102 World Civilization II
HIS 203 U.S. to 1877
HIS 204 U.S. Since 1877
PHI 203 Introduction to Philosophy
PHI 205 Elementary Logic
PHI 207 Ethics
PHI 220 Philosophy of Religion
REL 103 Introduction to Religion
REL 205 The Old Testament
REL 206 The New Testament

### Area IV—Natural Sciences

*(two courses)*

BIO 101 Plant Biology
BIO 102 Animal Biology
BIO 103 General Biology
ESC 101 Environmental Science I
ESC 102 Environmental Science II
PHY 101 General Physics I
PHY 102 General Physics II

### Area V—Economics, Psycholog Political Science or Sociology

*(Two courses chosen from different disciplin i.e. Economics and Psychology)*

ECO 203 Macroeconomics
ECO 204 Microeconomics
PSC 100 Introduction to Political Science
PSC 201 American Politics
PSY 201 General Psychology
SOC 203 Principles of Sociology

### Area VI—Art, Literature or Music

*(Two courses chosen from different disciplin i.e., Art and Music)*

ART 101 Introduction to Art
or any Art History Course
ENG 201 Introduction to Literature
ENG 217 Backgrounds to Western Literature
MUS 100 Introduction to Music
MUS 207 Music in America

### Humanities Sequence

Humanities 211, 212, 213, and 214 are inte disciplinary courses which, within the fram work of the historical approach, introduce t student to the major artistic, religious, i tellectual, literary, social, and political d velopments in Western civilization. In the courses, the major writings and artistic wor of each period are examined together with variety of modern interpretations.

Two or more of the humanities courses list above may be taken in lieu of one or mo distributed requirements, as shown below.

| *Humanities Courses Taken* | *Elective Hours Earned* | *Distributed Requirements Satisfied* |
|---|---|---|
| 1 | 3 | 0 |
| 2 | 3 | 1, in either History or Religion or Philosophy Area III |
| 3 | 3 | 2, one chosen from History, Philosophy, and R ligion in Area III, and one as English Literature in Area VI |
| 4 | 0 | 4, two chosen from History, Philosophy, and R ligion in Area III, and two as English Literature and Art in Area V |

# Undergraduate Degrees

New College offers three degrees: a Bachelor of Arts degree with majors available in business administration, English, history, and psychology; a Bachelor of Science degree with majors in communications, computer based business applications, computer science, and radiologic technology; and a Bachelor of General Studies degree.

## Bachelor of Arts Degree

A major for the Bachelor of Arts degree shall consist of no fewer than 30 credit hours. No more than 40 hours in the major department shall be required for a major. A student may, however, on his or her own initiative, take more than 40 hours in the major department. Specific requirements are stated for each major.

## Business Administration Major

To earn the B.A. degree with a major in business administration a student must take at least 36 credit hours in business administration courses, 18 hours of which must be upper division work on this campus.

*Major Requirements*
Requirements for the B.A. with a business administration major are:

| | |
|---|---|
| BUS 110 | Personal Computers for Information Management |
| BUS 207 | Financial Accounting I |
| BUS 208 | Financial Accounting II |
| BUS 305 | Business Law I |
| BUS 321 | Production Management |
| BUS 324 | Report Formulation |
| BUS 333 | Principles of Management |
| BUS 340 | Marketing |
| BUS 360 | Corporate Finance |
| BUS 485 | Business Policy |
| MAT 105 | Finite Math (or MAT 113) |
| MAT 206 | Statistical Methods |
| ECO 203 | Macroeconomics |
| ECO 204 | Microeconomics |

Plus 6 hours of 300 or 400 level electives in Business or Economics

*Minor Requirements*
A minor in business administration consists of the following courses: ECO 203 and 204; BUS 207, 208, 305, 321, 340, and 360.

## English Major

Courses in the department include composition, literature, speech, film, dramatic arts, and journalism. Students are encouraged to take courses in all these areas, but courses in speech, film, dramatic arts and communications do not count (unless specified) towards a regular major in English. Initial courses train the student to perceive and evaluate the form, structure, and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance and are designed to give the student an awareness of ways in which other disciplines can contribute to a fuller understanding of literature.

*Major Requirements*
The requirements for the English major are as follows:

Core Courses

| | |
|---|---|
| ENG 201 | Introduction to Literature |
| ENG 301 | Literary History of England I |
| ENG 302 | Literary History of England II |
| ENG 331 | American Literature to 1900 |
| ENG 332 | American Literature since 1900 |
| ENG 460 | Studies in Literature and Criticism |

Plus any two of the following:

| | |
|---|---|
| ENG 309 | Chaucer & Medieval Literature |
| ENG 313 | Shakespeare |
| ENG 318 | The Seventeenth Century |
| ENG 320 | Literature of the Restoration |

Plus any two of the following:

ENG 322 The Romantics
ENG 325 The Novel
ENG 326 Modern British Literature
ENG 327 Modern Drama

Plus any two upper level English courses. A total of 36 hours in English is required.

The following courses in Dramatic Art will be accepted: 303, 304, 327, 336. Major advisors will consult with students in career and graduate school preparation and in planning tailored programs in communications, journalism, teaching, and drama. Advanced placement will allow exemption from 201.

*Minor Requirements*

Non-English majors may follow a program leading to a minor in English. The requirements are as follows: ENG 201, 301, and 302 are required. ENG 460 is recommended as part of the remaining 12 hours, 9 of which must be at the 300 level or above.

*Distributed Requirements*

The requirement Area I is met by ENG 101 and 102, to be taken in the freshman year. The requirement, Area VI, in literature, may be met by ENG 201 or 217, or by taking three semesters of the sequence of Humanities courses 211, 212, 213 or 214; or by any literature course numbered 300 or above in the foreign language department. However, English majors may *not* use English courses to fulfill a Distributed Requirement in Area VI.

*Prerequisites*

ENG 101, 102, and either ENG 201 or three semesters of the Humanities sequence 211, 212, 213, 214 are prerequisite to all English courses numbered 300 or above. Special consideration will be given, in certain cases, to non-English majors who desire to take courses numbered 300 or above.

## History Major

History, drawing upon nearly all fields of knowledge, helps provide a deeper understanding and perspective of the forces which influence man and the world around him. It trains one in the skills of research, analysis, and written interpretation.

A concentration in history is a excellent general foundation f many occupations, professional c reers, and graduate study. It pr vides opportunities for careers teaching, policy research in gover ment and business, archives and r cords management, law and politi and foreign service. Queens Colle is a member of the Institute of A plied History.

*Major Requirements*

Students may earn a Bachelor of Arts degr with a major in history. Requirements for t history major are as follows:

Ten history courses, including:

HIS 101 World Civilization I
HIS 102 World Civilization II
HIS 203 U.S. to 1870
HIS 204 U.S. since 1870
HIS 300 Research in Local and Family History
HIS 490 Senior Seminar

In addition, two 300 level courses, one in t history of the United States and one in an ar other than the United States, are required

History majors may substitute HUM 211 a 212 for HIS 101, and HUM 213 and 214 for H 102, in which case the total number of r quired courses would be 11 or 12 instead of 1

Students should consult with their advisor work out a program tailored to individual c reer objectives.

*Minor Requirements*

Other majors may follow a program leading a minor in history. The requirements for t minor in history are at least 18 credit hours history, including three courses to be selecte from HIS 101, 102, 203, 204; and two 300 lev courses, one in the United States and one in a area other than the United States. History 30 or 490 is recommended for the remainin three credit hours.

History minors may substitute HUM 211 an 212 for HIS 101, and HUM 213 and 214 for HI 102, in which case the total number of r quired courses would be either 7 or 8 instead 6.

## Psychology Major

The department emphasizes the development of an understanding of factors important in determining behavior. Introductory courses present basic psychological principles; upper level courses provide opportunities for further work in areas of special interest.

Independent study allows the student to design and carry out original research. Internships in community settings enable the student to make practical application of psychological principles.

### Major Requirements

PSY 201 General Psychology
PSY 303 Social Psychology
PSY 306 Experimental Methods
PSY 306L Laboratory in Experimental Psychology
PSY 314 Psychology of Learning
PSY 400 Advanced General Psychology I
PSY 401 Advanced General Psychology II

Plus at least 16 additional hours in the department as approved by the major advisor.

SOC 101 and MAT 206 are also required for a major in psychology.

Biology 112 and Philosophy 203 are recommended.

### *Minor Requirements*

Eighteen hours: PSY 201; one course from PSY 308, 309, 319; one course from PSY 302, 303, 304; one course from PSY 311, 314, 412; and two courses from the entire departmental offerings. A student planning on minoring in psychology should check with a department member.

### *Distributed Requirements*

The requirement for Area V usually may be met by PSY 201; however, psychology majors may not use PSY 201 to fulfill a distributed requirement in Area V.

# Bachelor of Science Degree

A major for the Bachelor of Science shall consist of no fewer than 36 hours. Specific requirements are stated for each major program.

## Communications Major

This degree is designed for the student who wishes to pursue a communications career in corporations, non-profit organizations, or the media. The program allows the student to select a concentration of course work in writing skills, advertising, public relations, or marketing and promotions.

Students take work in applied communication where, through informed practice, they improve their communications skills. With related work in mass communication, the social sciences, English, journalism, and business administration, this major equips the student to pursue a broad range of careers in the communications field.

The student is encouraged to complete basic courses in the functional areas of business as well. The combination of an understanding of business and economics with the ability to write is a powerful combination. The student could also combine this major with other areas such as the natural sciences for a career in scientific and technical writing.

### *Major Requirements*

A major in communications leads to a Bachelor of Science degree. The requirements for the communications major are as follows:

*Core courses are*

| | |
|---|---|
| COM 110 | Introduction to Mass Communications |
| COM 207 | Expository Writing |
| COM 209 | Techniques of Communication Production |
| COM 305 | Organizational Communication |
| COM 307 | Advanced Composition |
| COM 415 | Media Ethics |
| BUS 324 | Report Formulation |
| ENG 301 | Literary History of England I |
| ENG 302 | Literary History of England II |
| ENG 331 | American Literature to 1900 |
| ENG 332 | American Literature since 1900 |

Plus a 300 level History course.

Students must select an additional four courses in one of the suggested concentrations, or may elect four courses (a minimum of 12 hours) to be approved by the advisor. The student's background and career orientation are to be considered in course selection.

*Advertising Concentration*
*(choose four)*

| | |
|---|---|
| ART 355 | Graphic Design I |
| ART 365 | Graphic Design II |
| ART 327 | Photography |
| BUS 351 | Consumer Behavior |
| BUS 453 | Marketing Research |
| BUS 492 | (Advertising) |
| COM 360 | (Media Planning) |

*Corporate Communications and Public Relations Concentration*
*(choose four)*

| | |
|---|---|
| BUS 328 | Information Processing Systems for Management |
| BUS 340 | Marketing |
| BUS 351 | Consumer Behavior |
| BUS 353 | Promotion Management |
| BUS 453 | Marketing Research |
| BUS 492 | (Public Relations, Business and Professional Speaking) |
| COM 360 | (Media Planning) |

*Media Concentration*
*(choose four)*

| | |
|---|---|
| COM 204 | News Writing and Editing |
| COM 304 | Advanced Writing for the Media |
| COM 310 | Television Production |
| COM 360 | (Free Lance Writing) |
| COM 308 | Creative Writing |
| COM 361 | Topics in Journalism |

A total of 48 hours is required for the major.

Recommended courses are: BUS 115, 207, 209; ECO 203; SOC 203; HIS 203 and 204; PSC 201; PSY 201, 303; DAS 103, 250; HUM 211, 212, 213, 214; FRE 201 and 202 or SPA 201 and 202; PHI 203, 205, and 207.

*Minor Requirements*

The requirements for the communicatior minor are as follows: COM 110, 207, 209, 30 BUS 324; and two electives to be approved b the advisor. ENG 201 is required for no English majors.

## Computer Based Business Applications Majo

The major in Computer Based Busi ness Applications leads to a Bachelo of Science degree. This major cor tains a strong business core with user approach to programming an an emphasis on management infor mation systems. It is a degree de signed for the student who wishes t combine computer knowledge, bot mainframe and microcomputer, wit extensive substantive coursework i business and management infor mation systems. A major emphasis i on the utilization of computers to fa cilitate sophisticated analysis withi the business area.

*Major Requirements*

Required courses are:

| | |
|---|---|
| BUS 110 | Personal Computers for Information Management |
| BUS 207 | Financial Accounting I |
| BUS 208 | Financial Accounting II |
| BUS 311 | Cost Accounting |
| BUS 322 | Management Science |
| BUS 326 | Systems Analysis, Design and Implementation |
| BUS 333 | Principles of Management |
| BUS 340 | Marketing |
| BUS 360 | Corporate Finance |
| BUS 434 | Management Information Systems |
| BUS 444 | Systems Implementation I: Financial |
| CSC 101 | Computer Programming I |
| CSC 112 | Introduction to Business Information Processing |
| ECO 203 | Macroeconomics |
| ECO 204 | Microeconomics |
| MAT 105 | Finite Math |
| MAT 206 | Statistical Methods |
| MAT 308 | Applied Linear Models |

## Computer Science Major

Major study in computer science provides basic preparation leading to computer-related work in business and industry, research and consulting, teaching, and graduate study in computer science. For a description of the Queens College computer facilities, see page 10.

### *Major Requirements*

Students may major in computer science by formally declaring their intention. The computer science major leads to a Bachelor of Science (B.S.) degree.

Requirements for the major:

| | |
|---|---|
| CSC 101 | Computer Programming I |
| CSC 102 | Computer Programming II |
| CSC 200 | Introduction to Computer Systems |
| CSC 240 | Introduction to Computer Organization |
| CSC 305 | Introduction to File Processing |
| CSC 330 | Data Structure |
| CSC 410 | Comparative Languages |
| CSC 430 | Operating Systems |

plus three courses elected from the 300-400 level not including 322. Students majoring in this program are required to take:

| | |
|---|---|
| MAT 113 | Calculus I |
| MAT 114 | Calculus II |
| MAT 209 | Discrete Structures |
| MAT 213 | Calculus III |
| MAT 303 | Linear Algebra |
| MAT 306 | Statistical Inference |
| MAT 409 | Numerical Analysis |
| PHY 101 | General Physics |
| PHY 102 | General Physics |

### *Minor Requirements*

A minor in computer science consists of two options:

a) *Systems Option*, with requirements of CSC 101, 102, 200, 305, 330, and nine hours from 200-300-400 level courses with at least one 400 level course. Mathematics 409 may be used as one of these electives.

b) *Business Option*, with requirements of CSC 101, 112, 211, 322, 326, 434, and six hours from 200-300-400 level courses.

## Radiologic Technology Major

The Bachelor of Science degree with a major in Radiologic Technology will be granted upon successful completion of 90 credit hours of approved college work and certification in radiologic technology from any hospital school accredited by the American Registry of Radiologic Technologists and approved by the College. All New College degree requirements must be met. A minimum of 36 hours in courses numbered 300 and above is required. Thirty credit hours are assigned to professional courses carried in the school of radiologic technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300-400 level courses. A student may not be admitted to candidacy for this degree until certified by the American Registry of Radiologic Technologists.

# Bachelor of General Studies Degree

The Bachelor of General Studies is a flexible program designed to allow a student to structure a course of study to fit his or her own particular needs and circumstances. For the Bachelor of General Studies degree, the following are required:

(1) A minimum of 120 semester hours;

(2) A minimum of 30 semester hours in either a major or an area of emphasis (more than 30 semester hours if the major requires it);

(3) A minimum cumulative quality point average of 2.000 on all work completed at Queens and on all work in the major or area of emphasis;

(4) At least 36 semester hours in courses at the 300 level or above;

(5) At least 60 of the 120 semester hours completed at Queens;

(6) The last 30 of the 120 semester hours in residence at Queens or in a Queens approved program.

The B.G.S. degree does not require the Distributed Requirements obligatory for the other bachelor's degrees.

A student who wishes to pursue t Bachelor of General Studies degr should notify the Dean of New C lege and the Graduate School of h or her intent and specify the gener area of intrest. The Dean will th assign a faculty advisor to work wi the student.

The individual emphasis is design to meet the student's personal ed cational objectives. The area of er phasis may or may not be one of t specific majors offered in other d gree programs. The elective hou chosen in consultation with the st dent's advisor will be determined b the individual emphasis. Upon e tering the program, the student wil with the advisor's guidance, plan th appropriate course of study, *subje to the final approval of the advisor department and division chairma* A student should have his or her pla of study approved as early as po sible, and not later than the begi ning of the final year of study.

A central feature of the Bachelor General Studies program is the clos interaction of the student with a advisor who helps plan a program study as well as evaluates the st dent's progress from time to time.

The Bachelor of General Studies is degree program which offers exce lent career preparation and option

## ertificates

certificate is awarded upon com-etion of a specifically designed se-uence of courses that enable a stu-nt to become proficient in an area ithout completing a major or minor. ertificates may vary in the number hours required.

udents may pursue certification by rmally declaring their intention ith the New College Office.

minimum of four of the required urses must be completed at New ollege with a cumulative quality int average of no less than 2.000 in der to qualify for a certificate.

pplication for certification should filed with the Registrar prior to gistration for the final course.

## omputer Based Business pplications Certificate

his certificate will provide a broad erview of computer utilization in usiness systems, while also pro-ding adequate methodological con-nt to allow for the manipulation d analysis of data.

quired courses are:

| | |
|---|---|
| JS 110 | Personal Computers for Information Management |
| JS 322 | Management Science |
| JS 326 | Systems Analysis, Design & Implementation |
| JS 434 | Management Information Systems |
| C 101 | Computer Programming I |
| C 112 | Introduction to Business Information Processing |

AT 105 and MAT 206 may also be needed prerequisite courses.

## Computer Based Accounting Certificate

This program combines personal computer skills and accounting expertise and will benefit especially people without accounting degrees who perform jobs in accounting or related areas.

Requirements for the certificate:

| | |
|---|---|
| BUS 110 | Personal Computers for Information Management |
| BUS 207 | Financial Accounting I |
| BUS 208 | Financial Accounting II |
| BUS 311 | Cost Accounting |
| BUS 324 | Report Formulation and Presentation |

## Written Communications Certificate

This certificate is designed to teach and polish a student's writing skills while allowing the student to structure a group of courses in Communications to reflect his or her particular interests.

Required courses are:

| | |
|---|---|
| ENG 101 | Communications Skills I |
| ENG 102 | Communications Skills II |
| COM 207 | Expository Writing |

Three additional courses must be completed, either Group I **or** II.

| | | |
|---|---|---|
| I. | ENG 109 | Business English |
| | COM 204 | Introduction to News Writing and Editing |
| | BUS 324 | Report Formulation |
| II. | COM 204 | Introduction to News Writing and Editing |
| | COM 304 | Advanced Writing for the Media |
| | COM 307 | Advanced Composition |

# GRADUATE DEGREE PROGRAMS

## Master of Business Administration Degree

The purpose of the Master of Business Administration program is to prepare students to become knowledgeable and effective general managers and administrators with high standards of ethical and social responsibility. The curriculum stresses the interaction of the functional areas of business within the broader social and governmental context.

The Master of Business Administration curriculum has a high proportion of specifically required courses. The program has been structured to ensure standardization of exposure to specific areas, techniques, experiences and information. The courses represent the core of essentials for preparation of today's manager. The curriculum indicates an absence of alliance with one or the other polar viewpoints on what constitutes the appropriate emphasis in Master of Business Administration curricula. Instead, the Queens course of study draws from both points of departure; that is, the curriculum offers a blend of adhering strongly to the objective of educating in the common core of managerial skills while at the same time paying allegiance to the realities of required literacy and competency in the functional areas of business.

### Prerequisites

The content of the Master of Busines Administration program begins wit prerequisite courses. The studer should be able to provide evidence adequate preparation in economic accounting, statistics, mathematic computer skills, communicatio skills, and the functional areas business administration. The stu dent may be required to take up to 2 hours in specified preparatio courses to ensure an adequate four dation:

| | |
|---|---|
| BUS 110 | Personal Computers for Info mation Management |
| BUS 207 | Financial Accounting I |
| BUS 208 | Financial Accounting II |
| BUS 333 | Principles of Management |
| BUS 340 | Marketing |
| BUS 360 | Corporate Finance |
| ECO 203 | Macroeconomics |
| ECO 204 | Microeconomics |
| MAT 206 | Statistical Methods |

Some prerequisites may be waived or substitutions approved, by th Dean of New College and Th Graduate School in consultatio with the MBA Coordinator and/o appropriate faculty based upon a evaluation of transcripts, pro fessional and work experience, satis factory scores on approved subjec level tests of the College Level Exam ination Program (CLEP), or satisfac tory scores on validation exams ad ministered by the College.

### Degree Requirements

The degree course requirements in clude a total of 11 three-hour gradu ate courses (33 hours). Nine course are specifically required with th remaining two being electives. Busi ness Policy and Society, BUS 550 the capstone course, is the fina course in the program.

## Required Courses

CO 515 Macroeconomic Theory
CO 516 Economics of the Firm
US 510 Organizational Behavior
US 512 Legal and Regulatory Environment
US 520 Managerial and Financial Accounting
US 521 Financial Management
US 530 Marketing Strategy
US 535 Quantitative Methods
US 550 Business Policy and Society

## lective Courses *(choose two)*

US 511 Written and Oral Communications for the Professions
US 518 International Business
US 525 Specialized Topics in Business
US 536 Production Management
US 540 Research in Business
US 545 Investment Analysis and Portfolio Management

## uggested Sequence f Courses

ne of the following sequences of urses is recommended.

### equence One

*rst Semester*
CO 516 Economics of the Firm
US 520 Managerial and Financial Accounting

*cond Semester*
CO 515 Macroeconomic Theory
US 535 Quantitative Methods

*hird Semester*
US 510 Organizational Behavior (or elective)
US 521 Financial Management

*ourth Semester*
US 512 Legal and Regulatory
US 530 Marketing Strategy

*ifth Semester*
Elective (or BUS 510 Organizational Behavior)
Elective

*ixth Semester*
US 550 Business Policy

### equence Two

*irst Semester*
CO 515 Macroeconomics
US 512 Legal and Regulatory

*econd Semester*
CO 516 Economics of the Firm
US 520 Managerial and Financial Accounting

*Third Semester*
BUS 535 Quantitative Methods
Elective

*Fourth Semester*
BUS 510 Organizational Behavior
BUS 521 Financial Management

*Fifth Semester*
BUS 530 Marketing Strategy
Elective

*Sixth Semester*
BUS 550 Business Policy

## Proposed Schedules

These schedules are subject to modification.

**Fall 1986**

ECO 516 Economics of the Firm
BUS 510 Organizational Behavior
BUS 520 Managerial and Financial Accounting
BUS 521 Financial Management
BUS 550 Business Policy
BUS 525A Topics: Estate Planning and Administration
BUS 525B Topics: Personnel Management

**Spring 1987**

ECO 515 Macroeconomic Theory
BUS 512 Legal and Regulatory
BUS 530 Marketing Strategy
BUS 535 Quantitative Methods
BUS 550 Business Policy
BUS 518 International Business
BUS 525 Money and Banking

**Summer 1987**

ECO 516 Economics of the Firm
BUS 510 Organizational Behavior
BUS 520 Managerial and Financial Accounting
BUS 521 Financial Management
BUS 550 Business Policy
BUS 545 Investments

**Fall 1987**

ECO 515 Macroeconomic Theory
BUS 512 Legal and Regulatory
BUS 530 Marketing Strategy
BUS 535 Quantitative Methods
BUS 550 Business Policy
BUS 525 Topics: Estate Planning

**Spring 1988**

ECO 516 Economics of the Firm
BUS 510 Organizational Behavior
BUS 520 Managerial and Financial Accounting
BUS 521 Financial Management
BUS 550 Business Policy
BUS 518 International Business
BUS 525 Topics: New Venture Strategies

**Summer 1988**

ECO 515 Macroeconomic Theory
BUS 512 Legal and Regulatory
BUS 530 Marketing Strategy
BUS 535 Quantitative Methods
BUS 550 Business Policy
BUS 545 Investments
BUS 536 Production Management

# Master of Education Degree

The Master of Education degree is designed to prepare classroom teachers in grades four through nine to meet the ever increasing challenges facing them. The education programs of the Graduate School are dedicated to quality education for all students, knowing that the future of America depends on what happens in today's classrooms.

Graduate certification has been approved by the North Carolina Department of Public Instruction for those completing these degree programs. The programs reflect the most recent action of the North Carolina State Board of Education which divided the former intermediate certificate into two new certificates: Intermediate (grades 4-6) and Middle Grades (6-9).

## Prerequisites

An applicant who does not hold a North Carolina "A" certificate or equivalent may apply for admission with preliminary graduate status only. A program can be designed with the MEd advisor to fulfill "A" certificate requirements in conjunction with MEd requirements.

Transcripts will be evaluated to determine the student's placement in the academic program.

## Degree Requirements

Any preparatory requirements must have been met. Each degree candidate must complete the course requirements for either an Intermediate Grades Education program or a Middle Grades Education program. Both the Intermediate Grades Education degree program and Middle Grades Education degree program consist of 36 hours of graduate credit (12 courses).

A comprehensive oral examination is given by the student's advisor or major concentration professor and one additional professor of the student's choice after the 36 hours are completed.

The programs are structured so that a student may complete the degree within two calendar years.

## Intermediate Grades Education Program

The Master of Education (Intermediate Grades Program) is designed to assure competency in the curriculum areas necessary for teaching grades 4 through 6. The program is competency-based so that it allows for flexibility.

Required courses are:

| | |
|---|---|
| EDU 501 | Psychology of Learning |
| EDU 502 | Advanced Developmental Psychology |
| EDU 503 | Educational Research and Evaluation |
| EDU 521 | Reading in Intermediate and Middle Grades |
| EDU 599 | Seminar in Curriculum and Instruction |
| MTE 521 | Foundations of Mathematics |

In addition, 6 courses are to be elected or prescribed in accordance with the student's needs and interests to ensure compliance with certification competencies.

## iddle Grades ducation Program

he program in Middle Grades Edu- ation is designed for grades 6 rough 9 to bridge the general termediate educational experience d the more highly specialized sec- dary curriculum.

his program offers the teacher a oice of three concentrations: hu- anities, mathematics, and reading nd writing. Each of these con- ntrations includes 5 courses (15 urs) of substantive content. In ad- tion to the areas of concentration, ere is a core requirement of 4 urses (12 hours). The remaining 3 urses are to be elected or prescribed accordance with the student's eeds and interests to ensure com- liance with certification com- etencies.

*equired core courses are:*

DU 501 Psychology of Learning
DU 502 Advanced Developmental Psychology
DU 503 Educational Research and Evaluation
DU 599 Seminar in Curriculum and Instruction

*he HUMANITIES Concentration* flects the growing belief that at an rly age the education of students ould include an awareness of and ppreciation for the perennial less- ns to be gained from the serious valuation of human history.

*urses required for the HUMANITIES con- ntration are:*

UM 521 The Ancient World of Greece and Rome
UM 522 The Medieval and Renaissance Worlds
UM 523 Reason, Romanticism and Realism
UM 524 The Modern Age: Europe, America and the Third World
UM 525 Methods of Teaching Humanities

*The MATHEMATICS Concentration* has two purposes. The first purpose is to provide a new look at familiar classical mathematics. This look will focus on developing a historical perspective, exploring a more sophisticated level of abstraction, and discussing mathematical understanding in terms of cognitive development. The second purpose is to address the current need of understanding new technology and its role in the mathematical curriculum.

*Courses required for the MATHEMATICS concentration are:*
*(choose 5)*

MTE 521 Foundations of Mathematics
MTE 522 Introduction to Computing for Teachers
MTE 523 Problem Solving from an Historical Perspective
MTE 524 Concepts in Data Analysis
MTE 526 Geometry for Teachers
MTE 599 Problems in Teaching Mathematics

*The READING AND WRITING Concentration* encompasses all aspects of mastering language at the middle school level. From a sound theoretical base, teachers will learn new and more effective ways to develop the students' reading and writing proficiency.

*Courses required for the READING AND WRITING concentration are:*

EDU 521 Reading in Intermediate and Middle Grades
EDU 522 Writing and Other Language Arts
EDU 523 Studies in Linguistics
EDU 524 Diagnosis and Correction of Reading Difficulties
EDU 525 Practicum in Teaching Reading and Writing

# Master of Liberal Arts Degree

The Master of Liberal Arts program is an alternative to traditional graduate programs. It is characterized by its flexibility of scope and its stress on an interdisciplinary approach to literature, history, science and technology, the social sciences and the arts. Independent thinkers will cross the boundaries of defined disciplines and achieve the breadth of knowledge and the confidence of the generalist.

The Master of Liberal Arts is not intended to train students for a particular vocation, to provide them with credentials for a specific profession, or to prepare them for further graduate study. It is an alternative to the usual highly specialized graduate programs and is aimed specifically at adults who wish to acquire a more comprehensive knowledge and a deeper understanding of contemporary society.

The Master of Liberal Arts exists for the intellectually curious, for the person who wants to be enriched, to be challenged by new ideas, and to see old things in new ways. The Master of Liberal Arts is primarily for mature adults who realize that education is a lifelong process, not a finished product.

## Prerequisites

An applicant to the Master of Liberal Arts program must hold an undergraduate bachelor's degree.

## Degree Requirements

The Master of Liberal Arts consists
33 hours of graduate credit. This wi
consist of 27 hours in classes - the
hours of the Humanities Sequence,
hours of graduate electives chosen
consultation with the student's a
visor, and 6 hours of interdisciplna
seminars - plus 6 hours of directe
studies culminating in a Master
thesis or a Master's project.

At the beginning of the program, th
student will be assigned an advis
who will work closely with the st
dent throughout the course of stud
Upon the student's completion of tw
Interdisciplinary Seminars, LIB 53
the graduate faculty of the Human
ties Division (and other members
the graduate faculty, as appropriat
will act as a committee to guide th
student toward the completion of th
Master's thesis or project. The st
dent will defend the thesis or proje
before this committee in an ora
examination which will include a re
view of the student's graduate stu
ies.

## Required Courses

### Humanities

| | |
|---|---|
| HUM 521 | The Ancient World of Greece an Rome |
| HUM 522 | The Medieval and Renaissance Worlds |
| HUM 523 | Reason, Romanticism, and Realism |
| HUM 524 | The Modern Age: Europe, America, and the Third World |

### Liberal Arts

| | |
|---|---|
| LIB 530 | Interdisciplinary Seminar (2 courses) |
| LIB 570 | Directed Studies I |
| LIB 571 | Directed Studies II |

### Elective Courses

| | |
|---|---|
| LIB 500 | (chosen in consultation with the advisor) |

Other graduate courses which are consisten with the student's interests and objectives in the Master's thesis or project.

# COURSES OF NSTRUCTION

## ourse Changes

ew College and The Graduate hool at Queens reserve the right to ange the course offerings and in- ructors indicated in this catalog ithout prior notice to persons who ay thereby be affected. Every effort made to help a student affected by course change.

## ourse Listings

urse listings give general infor- ation. Descriptions for all elective urses not listed in this Catalog will published prior to each term and ill be attached to the proposed urse schedule.

## ourse Numbers

### ndergraduate Courses

general, courses numbered **0-299** are primarily for freshmen d sophomores; those numbered **0-499** are primarily for juniors and niors. In specific cases, however, e individual student's ability and ckground rather than his or her ss standing will determine the ap- opriate level of work.

uble numbers separated by a mma (e.g. 301, 302) indicate that mpletion of both courses forms a sirable unit. Occasionally the first urse is a prerequisite to the second.

### aduate Courses

urses numbered **500 and above** ay be taken by graduate students ly.

Upon recommendation of the student's advisor, an undergraduate student with senior standing may request permission to take a graduate level course. The instructor of the course, the Dean of the student's undergraduate program (New College or College of Arts and Sciences), and the Dean of The Graduate School must grant permission.

Credit earned by an undergraduate student in a graduate course will always be considered undergraduate credit unless a special program is involved.

## Art

**ART 101 Introduction to Art**
*3 Hrs.*
Designed for the student with no experience who wishes to gain some understanding of fundamental concepts necessary for the visualization of an idea. Involves aspects of lecture and studio procedure. Concepts of line, value, form, structure, space and color will be introduced through periodic slide presentations. Exploration of such media as pencil, pen and ink, charcoal and acrylic paint. Subject matter: still-life and landscape.

**ART 215 Ancient to Early Renaissance Art**
*3 Hrs.*
Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of the Mediterranean and European countries from prehistoric times to approximately 1500 A.D.

**ART 216 High Renaissance Art to the Present Time**
*3 Hrs.*
Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of Europe and America from approximately 1500 to the present day.
*Prerequisite:* ART 215, or permission of instructor.

**ART 227 Photography**
*3 Hrs.*
Photography used as an expressive medium and as a tool for exploring visual experience. Emphasis will be on selection and treatment of subject matter. Students will learn necessary skills in photographic technique and be acquainted with the historical development of photography.
Six hours studio a week. Supply Fee $35.

### ART 307 Art in the United States

*3 Hrs.*

Study of the architecture, sculpture, painting, and minor arts of the Colonial period through the present, supplying courses in American social and political history.

*Prerequisite:* ART 215, 216, or permission of instructor.

### ART 355 Graphic Design I

*3 Hrs.*

A study of the history, forms, processes, and application of graphic communication, with emphasis upon concepts and techniques, and including the study of type indication.

Six hours studio a week.

*Prerequisites:* ART 104, 133, 204.

### ART 365 Graphic Design II

*3 Hrs.*

Intermediate level study of graphic design concepts and techniques, continuing the development of theory and expertise begun in Graphic Design I.

Six hours studio a week.

*Prerequisite:* ART 355.

## Biology

### BIO 101 Plant Biology

*4 Hrs.*

Morphological survey of the plant kingdom; study of life cycles emphasizing evolutionary changes; consideration of economic aspects.

Three hours lecture and three hours laboratory a week.

*No Prerequisite*

### BIO 102 Animal Biology

*4 Hrs.*

Survey of the animal kingdom; study of the organization and activities of animals with emphasis on man; the evolution of animal life.

Three hours lecture and three hours laboratory a week.

*No Prerequisite*

### BIO 103 Principles of Biology

*4 Hrs.*

An introduction to the principles underlying the activities of living organisms; origin of life; molecular biology; cell structure and function; heredity. Laboratory emphasizes the scientific method.

Three hours lecture and three hours laboratory a week.

*Prerequisite:* High School Chemistry or Chemistry 101.

## Business Administration

### BUS 110 Personal Computer for Information Management

*3 Hrs.*

A survey of the personal computer as a tool f information management. Topics covered a hardware and software options and solutio with emphasis on available software pac ages; the personal computer as part of a co puter network; limitations and problems personal computing; and current trends personal computing. The course will inclu laboratory use of database, spreadsheet, a word processing software.

### BUS 115 Introduction to Business

*3 Hrs.*

An introduction to each of the principal are of the business curriculum: Accountin Finance, Management, and Marketing, well as the role of business in American s ciety and the nature of the private enterpri system.

### BUS 207 Financial Accounting I

*3 Hrs.*

An introduction to financial accounting pri ciples. Topics to be covered include recordi of transactions, preparation of various jou nals, posting of ledgers, and preparation income statements and balance sheets.

### BUS 208 Financial Accounting II

*3 Hrs.*

An introduction to the theory, methods, a uses of accounting information in solvi business problems. Topics include accounti for partnerships, corporations and inco taxes.

*Prerequisite:* BUS 207.

### BUS 230 Entrepreneurial Ventures

*3 Hrs.*

A study of the methods used to determine th feasibility of successfully establishing a co pany in a specific industry or market. Fina cial, marketing, organizational, competitiv governmental, and demand factors will b analyzed. Each student will prepare a feas bility study for a new venture.

### BUS 231 Establishing an Entrepreneurial Venture

*3 Hrs.*

Focuses on business plan development for e trepreneurial ventures. Topics covered i clude attracting seed and growth capital fro venture capitalists, investment or commerci banks, or government sources; alternative o ganizational forms; and legal and tax co siderations. Each student will prepare a bus ness plan for establishing a new company.

*Prerequisite:* BUS 230.

**US 232 Managing Entrepreneurial Ventures for Growth**

*Hrs.*

study of the techniques used to manage a mpany which is planning for growth or hich has experienced growth. The basic ar- is of marketing, operations, personnel, nance/accounting, and legal considerations ill be analyzed with special attention given the external market and competitive envi- nments.

*erequisites:* BUS 230 and 231.

**JS 305 Business Law I**

*Hrs.*

n introduction to law with an emphasis on e legal rights and duties of the individual gaged in business. Topics to be covered in- ude contracts, sales, personal property, and ilments.

*erequisite:* Sophomore standing.

**JS 307 Intermediate Accounting I**

*Hrs.*

study of financial accounting theory along th generally accepted accounting prin- oles. Topics include special problems of pre- ntation in regard to cash, receivables, in- ntories, plant, and equipment.

*erequisites:* BUS 207 and 208.

**JS 308 Intermediate Accounting II**

*Hrs.*

continuation of the study of financial ac- unting theory along with generally accepted counting principles. Topics include special oblems of presentation in regard to li- ilities, leases, pensions, equity, income xes, earnings per share, and changing ices.

*erequisite:* BUS 307.

**JS 311 Cost Accounting**

*Hrs.*

study of cost account systems including oblems of cost determination. The course ll emphasize the development of techniques use in managerial decision making such as ndard costs and budgeting. Other topics clude cost-benefit analysis, break-even alysis, and capital budgeting.

*erequisites:* BUS 207 and 208

**BUS 313 Auditing**

*3 Hrs.*

A study of auditing standards as they relate to internal, external, and public sector auditing. Topics to be covered include auditing theory and ethics, responsibilities and legal liability, audit evidence, audit method, and the audit report.

*Prerequisites:* BUS 307 and 308.

**BUS 315 Business Law II**

*3 Hrs.*

A continuation of the study of law as it impacts the individual engaged in business. Topics include agency, partnerships, corporations, real property, and government regulation of business.

*Prerequisite:* BUS 305.

**BUS 316 Federal Taxation**

*3 Hrs.*

A comprehensive study of the federal tax system. Topics include income, deductions, credits, and exclusions.

*Prerequisites:* BUS 207 and 208.

**BUS 317 Advanced Accounting**

*3 Hrs.*

An advanced study of financial accounting theory and application. Topics include external reporting, consolidations, partnerships, governmental accounting, and fiduciary accounting.

*Prerequisite:* BUS 308.

**BUS 320 Business Ethics**

*3 Hrs.*

Analysis of business policies and practices with respect to their social impact; patterns of governmental regulations; political activities of trade associations and other special-interest groups; the relationship between public policy and the growth of corporate enterprise; and the social responsibilities of business management.

**BUS 321 Production/Operations Management**

*3 Hrs.*

The management process applied to the design and operation of a production system, with production viewed as a function of the business rather than strictly a manufacturing activity. Topics include the planning, organizing, and controlling functions of management; forecasting, facility location and layout; job design and scheduling; quality control and inventory control.

Prerequisites: MAT 105 and 206.

**BUS 322 Management Science and Decision Support Systems**

*3 Hrs.*

An introduction to practical quantitative techniques that can be successfully applied to management problems. Techniques covered include decision trees, linear programming, inventory models, simulation, and network models. While most of these techniques are available in various computer software packages and the computer will be used to some degree, the emphasis in this course is on developing a basic understanding of the concepts and techniques themselves.

*Prerequisites:* MAT 206

**BUS 324 Report Formulation and Presentation**

*3 Hrs.*

Basic techniques of business research; report preparation and presentation, both written and oral. Emphasis on organization and presentation, clarity, brevity, style, and use of visual aids.

**BUS 326 Systems Analysis, Design, and Implementation**

*3 Hrs.*

Developing systems to meet the need of an organization, training managers in design capabilities and limitations of information systems, beginning training for professional systems analysts, and providing techniques for facilitating the implementation process.

*Prerequisites:* CSC 102 or 112 or permission of the instructor.

*Note:* Students may take this course as CSC 326.

**BUS 331 Personnel Administration**

*3 Hrs.*

A study of the personnel function in the organization. Topics covered include job design, staffing, performance appraisal, training and development, compensation, and collective bargaining. Current topics in the law (OSHA, Fair Employment Regulations, etc.) which affect the personnel function are considered.

**BUS 332 Complex Organizations**

*3 Hrs.*

Analysis of the nature and types of complex organizations and their significance in modern life and societies. Designed to acqaint the student with the concepts, theories, and research methods appropriate to organizational sociology. Particular attention is given to the consequences of differential structures for human behavior.

*Note:* Students may take this course as Sociology 332.

**BUS 333 Principles of Management**

*3 Hrs.*

A basic survey of management theory wi emphasis on the functional and task r quirements of management, and behavio considerations. Specific topics include t planning, organizing, and controlling fur tions of management; contemporary models organizational design; motivation and pe formance; and group behavior and influen processes.

Students who have taken BUS 314 may n take BUS 333 for credit.

**BUS 340 Marketing**

*3 Hrs.*

A study of the interrelationship between ma keting functions and the other primary fur tions of firms or organizations. An analytic survey is made of the problems of produ planning, pricing, promotion, channels of di tribution, and legislation affecting marketi activities as related to the satisfaction of t individual consumer and societal wants a needs.

**BUS 351 Consumer Behavior**

*3 Hrs.*

An overall view of some of the basic pe spectives of consumer behavior. An inte disciplinary approach will be stressed i cluding the fields of economics, psycholog sociology, and anthropology, as related marketing. Emphasis is placed on the fund mental processes of motivation, perceptio and learning, as well as analysis of individu and group influences as related to the marke ing of goods and services.

*Prerequisite:* BUS 340.

**BUS 353 Promotion Management**

*3 Hrs.*

A study of the promotion activities of person selling, advertising, public relation publicity, and sales promotion as part of ove all marketing strategies and budgets.

*Prerequisite:* BUS 340.

**BUS 360 Corporate Finance**

*3 Hrs.*

Introduction to basic concepts, principles, an analytical techniques of financial manag ment. Emphasis on planning and managin assets. Topics include formulating financi objectives, short-term financial analysis, f nancial forecasting and planning, current a

set management, elementary capital budgeting and cost of capital, the nature of long-term sources of funds, analysis of risks in financial decisions involving alternative investment options, mergers and acquisitions, problems in valuation, dividend policy, financial leverage, and determination of optimal capital structure.

*Prerequisites:* BUS 207 and 208, ECO 203 and 204, and MAT 206.

**BUS 372 Personal Financial Management**

*3 Hrs.*

A study of the management of personal and family affairs. Includes income and expenditure planning, credit and borrowing, personal savings, taxes, insurance, social security, investing, and retirement and estate planning.

**BUS 420 Comparative International Business Practices**

*3 Hrs.*

Survey and analysis of similarities and differences in management and business practices in selected countries drawn from diverse parts of the world. Evaluation of socioeconomic, political, legal, educational, and cultural factors on managerial decision making and business practices in specific environments. Some use of case analysis.

*Prerequisites:* ECO 203 and 204, BUS 321 or 314 or 333, and 340.

**BUS 421 Organizational Behavior**

*3 Hrs.*

An examination of the behavioral aspects of organizations within our society. Specific topics include the interrelationships between the individual, informal and formal groups; group formation, cohesiveness, conformity, norms; interpersonal communications; conflict; authority, power and influence; leadership, motivation and performance.

**BUS 432 The Entrepreneurial Enterprise**

*3 Hrs.*

A study of the characteristics which distinguish an entrepreneurial enterprise from the concepts of the small business and the large firm. Present and past case histories will be used to examine the risks and opportunities facing the entrepreneurial firm. The methods used to determine the feasibility of successfully establishing a company, and for developing a business plan for entrepreneurial ventures will be studied.

*Prerequisites:* BUS 321, 340, and 360, or permission of the instructor.

**BUS 434 Management Information Systems**

*3 Hrs.*

File organization and security with implementation in an appropriate language, data base management systems, management use of computers for data processing, planning and decision making.

*Prerequisite:* BUS 326.

*Note:* Students may take this course as CSC 434.

**BUS 440 Systems Implementation I: Financial**

*3 Hrs.*

The application of the tools, techniques, and skills learned in prerequisite courses as they apply to financial systems. Emphasis is placed on the development of computer-based financial applications and their integration into a total system.

*Prerequisites:* BUS 110, 207, 208, 311, 360; ECO 203, 204; CSC 110 or 101 and 112; MAT 105, 206, 308.

**BUS 442 Systems Implementation II: Manufacturing**

*3 Hrs.*

The application of the tools, techniques, and skills learned in prerequisite courses as they apply to manufacturing systems. Emphasis is placed on the development of computer-based manufacturing applications and their integration into a total system.

*Prerequisites:* BUS 110, 207, 208, 311, 360; ECO 203, 204; CSC 101 and 112; MAT 105, 206, 308.

**BUS 452 Marketing Management**

*3 Hrs.*

A study of the marketing strategies used by management under a variety of circumstances and within a variety of business and organizational settings. The case analysis method is utilized.

*Prerequisite:* BUS 340.

**BUS 453 Marketing Research**

*3 Hrs.*

An introduction to the research and methods used in the marketing process. Areas given emphasis include sources of market data, sampling surveys, interpretation of data, and the relationship of market research to the policies and functions of a business.

*Prerequisite:* BUS 340.

**BUS 454 International Trade**

*3 Hrs.*

A study of international payments, international economic theory, contemporary economic nationalism, international investment and currency problems, and the commercial policies of foreign countries.

*Prerequisites:* ECO 203 and 204.

*Note:* Students may take this course as ECO 454.

**BUS 470 Principles of Investment**

*3 Hrs.*

A study of the economic and investment environment as it relates to security investment decisions. Introduction to the concepts and techniques relevant to the formulation of investment objectives, strategies and policies for individual and institutional investors. An elementary treatment of portfolio theory and the capital asset pricing model.

*Prerequisite:* BUS 360.

**BUS 472 Seminar in Financial Management**

*3 Hrs.*

In-depth treatment of advanced problems in managerial finance. Topics include working capital management, capital budgeting, cost of capital, valuation, dividend policy, and long-term financial management. Extensive use of cases.

*Prerequisite:* BUS 360.

**BUS 485 Business Policy**

*3 Hrs.*

Designed to develop analytical skills in strategy formulation and implementation and an integrated view of business operations. Provides a basic grasp of policy problems in a variety of business and governmental settings through the use of case studies.

*Prerequisites:* ECO 203 and 204; BUS 207, 208, 305, 321, 333, 340 and 360.

**BUS 492 Current Topics**

*3 Hrs.*

Course designed to investigate and/or evaluate current topics or specialized areas of business. Course topic is to be announced the semester preceding the offering.

*Prerequisite:* To be designated for each specific course offered.

**BUS 495 Independent Research/Study**

*1 to 3 Hrs.*

A program of directed readings or a researc project requires approval of the supervisi professor, the division chairman, and t Dean of New College. Open to business maj seniors with a 3.00 GPA in the Busine Major.

**BUS 510 Organizational Behavior**

*3 Hrs.*

A study of organizations and their enviro ment as well as the social and psychologic foundations necessary to an understanding human behavior within complex orga izations. Topics covered include group a inter-group behavior, leadership styles, o ganizational structures, and the decision ma ing process.

*Prerequisite:* BUS 333 or 321.

**BUS 511 Written and Oral Communicatio for the Professions**

*3 Hrs.*

This course is designed to increase and max mize communication ability and skills r quired for the professional manager. Includ instruction in written and oral presentatio and reports as well as extensive practice i both mediums including oral presentatio and at least two 500-word papers. Where po sible, speakers from business and industr will be invited to discuss problems e countered in management and executive lev communications.

**BUS 512 Legal and Regulatory Environme**

*3 Hrs.*

A survey course which encompasses a study the statutes and regulations that gover interactions among businesses as well as th relationship of business to governmenta bodies and consumers. Some of the topic covered include contracts, agency, partne ships, corporations, property, sales, com mercial paper, bankruptcy, anti-trust, an government regulation of business.

*Suggested prerequisite:* BUS 305.

**US 518 International Business**

*Hrs.*

ne study of profit-oriented business relation-ips conducted across national boundaries. his course incorporates a combination of sic disciplines and functional areas focusing problems and opportunities involved when e firm makes the decision to begin inter-ational operations. Topics presented include ternational trade theory, direct foreign in-stment, foreign exchange, the international yments system, financial markets for ternational operation, taxation, govern-ent influence on trade, and international arketing.

*erequisite:* ECO 515.

**US 520 Managerial and Financial Accounting**

*Hrs.*

xamines the ways in which accounting en-les managers to operate effectively through e use of analysis and information as the undation for managerial decision making. pics include an analysis of corporate annual ports, cost-volume-profit relationships, cost havior patterns, flexible budgets and stan-rds for control, relevant costs, capital bud-ting, and the impact of taxes on manage-ent planning.

*erequisites:* BUS 207 and 208.

**US 521 Financial Management**

*Hrs.*

xamines the financial function and how it lates to other functions of the business firm cluding how financial decisions can further e basic enterprise's goal of wealth maxi-zation. The student will explore in depth ntroversial conceptual problems. This urse focuses on the various concepts for anager decision making such as forecasting, pital, budgeting, decision making under un-rtainity, optimum financial structure, cost capital, and asset management.

*erequisites:* BUS 360 and 520.

**US 525 Specialized Topics in Business**

*Hrs.*

pics to be announced for each semester ered. Possible offerings include: Corporate x Considerations; Estate Planning and Ad-nistration; International Economics; New nture Strategies; Organizational De-lopment; and Strategic Planning.

**BUS 530 Marketing Strategy**

*3 Hrs.*

This course is designed to acquaint the student with the dynamic nature of the relationship between the consumer, the demand for goods and services, and the environment. The main point of emphasis is that marketing is a total system of business action rather than a fragmented assortment of functions and institutions. The structure of the course is the case approach which requires the student to use principles of marketing in the analysis of business problems.

*Prerequisite:* BUS 340.

**BUS 535 Quantitative Methods**

*3 Hrs.*

This course develops a generalized framework useful in investigating all types of decision problems. The study includes various quantitative methods appropriate to an analysis of these types of problems. Methods include decision trees, linear programming, transportation and assignment problems, inventory control, queuing theory, simulation, PERT-CPM, and game theory.

*Prerequisites:* MAT 206 and ECO 516.

**BUS 536 Production Management**

*3 Hrs.*

Designed to teach the student to manage the operating systems of organizations. Topics included are process selection, facilities planning, operations planning, operations control, and technological changes.

*Prerequisites:* MAT 206 and BUS 535.

**BUS 540 Research in Business**

*3 Hrs.*

This course requires the execution of a research project in an area related to the content of the MBA program. This course is open only to students who have completed all the required courses for the MBA except BUS 550, Business Policy. Permission of the instructor and of the MBA Coordinator is required. An outline of the proposed research project must be completed and approved before a student may register for the course.

*Prerequisite:* Consent of MBA Coordinator and approval of the Dean of New College and The Graduate School.

### BUS 545 Investment Analysis and Portfolio Management

*3 Hrs.*

This course includes the study of capital market theory, the balance between risk and return, rates of return required by investors and the study of betas in the capital asset pricing model, all examined from the viewpoint of the private investor.

*Prerequisites:* BUS 521.

### BUS 550 Business Policy and Society

*3 Hrs.*

A study of the policy making and administrative, ethical problems that must be faced in a private-enterprise society. The emphasis of the course is on the strategic planning necessary for an organization to define and achieve its overall objectives. Cases include problems in which economic, moral, personal, social, and political factors are involved. A major theoretical or practical project is required. The final exam of the course is comprehensive and is designed to evaluate overall synthesis of content of the Master of Business Administration eleven course sequence. The capstone course may not be transferred from another institution.

*Prerequisites:* All required Master of Business Administration courses.

## Communications

### COM 103 Voice and Diction

*3 Hrs.*

An analysis of each student's voice, articulation and pronunciation with the aim of identifying and correcting non-standard speech habits. Through use of the International Phonetic Alphabet and language laboratory equipment, concentration will be centered upon the perfection of vowels, diphthong and consonant sounds. Directed exercises will give the student practice in the improvement of voice and diction. Dialectical problems are analyzed and corrected.

*Note:* Students may elect this course as DAS 103.

### COM 110 Introduction to Mass Communications

*3 Hrs.*

An introduction to the major fields of co munications (television, radio, film, nev papers, magazines, advertising, and public lations) and to the importance of co munications in modern American socie Some attention will be paid to the history the media and to the laws, pressure grou and regulatory agencies which influen them.

### COM 204 Introduction to News Writi and Editing

*3 Hrs.*

Study of newspaper methods and the tec niques of news writing, with some empha on elementary problems of editing a makeup.

*Prerequisites:* COM 110 and ENG 101 and 1 or permission of the department.

### COM 207 Expository Writing I

*3 Hrs.*

Expository writing based upon topics a readings to be assigned by the instructor. T student will be expected to write kno ledgeable expository prose based up thought, reading, and research.

*Prerequisites:* ENG 101 and 102, or permissi of the department.

*Note:* Students may elect this course as EN 207.

### COM 208 Expository Writing II

*3 Hrs.*

A continuation of Expository Writing I f those students who need or wish further exp rience in developing their writing.

*Prerequisite:* COM 207, or permission of t department.

*Note:* Students may elect this course as EN 208.

### COM 209 Techniques of Communications Production

*3 Hrs.*

The course includes electronic news gatherin theory and electronic field production theo with some hands-on experience in productio Introduction to the applications of video i advertising and public relations, includin techniques of production and editing vide audio, and film. Introduction to multi-imag presentations, including some script writin and the use of a word processor. Basic ope ation and maintenance will be stressed.

*Prerequisites:* COM 110.

**:OM 231 History of Film**

*Hrs.*

ıtroduction and historical analysis of the de-elopment of cinema; aesthetics and tech-ıiques, movements and genres, makers and erformers. Film-viewing and optional film-ıaking.

*Note:* Students may elect this course as DAS 31.

**:OM 232 Film Criticism**

*Hrs.*

tudy of the nature of film as an art form with etailed discussion of individual films. An nalysis of the backgrounds of film-making ith some actual use of film equipment.

*rerequisites:* COM 110 and ENG 102, or per-ıission of the department.

*ote:* Students may elect this course as DAS 32.

**OM 304 Advanced Writing for the Media**

*Hrs.*

dvanced study of the techniques of writing r the media, with emphasis on the de-elopment of specialized skills and research chniques.

*rerequisites:* COM 204 and 207.

**OM 305 Organizational Communication**

*Hrs.*

ature and function of communications in ganizations; includes information flow and ocessing, communications networks, role re-tionship, decision making and writing in rmal organizations.

**OM 307 Advanced Composition**

*Hrs.*

udy of principles of writing with special tention to observation and reflection, form d meaning, modern usage, and effective ex-ession.

*rerequisite:* COM 207.

*ote:* Students may elect this course as ENG 07.

**OM 308 Creative Writing**

*Hrs.*

ractice in writing and in criticism of the say, short story, and poem in view of a final ece of sustained related work for students ith interest in and aptitude for composition.

*rerequisite:* COM 307, or permission of the partment.

*ote:* Students may elect this course as ENG 08.

**COM 310 Television Production**

*3 Hrs.*

The student will learn the essentials of television studio production, including scripting, staging, lighting, set design, story board preparation, etc. The student will study the various roles involved in television production; such as director, writer, editor, and lighting engineer; and will gain some hands-on experience in work on a production using the available equipment.

*Prerequisites:* COM 110, 209, or permission of the department.

**COM 350 Independent Study in Communications**

*3 Hrs.*

This course involves an independent investigation of a period in the history of mass communications or of the influence of mass media on contemporary culture or of a topic related to other particular facets of the study of mass communications: for example, journalism, television, radio, magazines, advertising, or some aspect of American popular culture. Open to junior and senior majors with a 3.00 average in communications.

*Prerequisites:* COM 110, 204, and permission of the department.

**COM 360 Topics in Communications**

*3 Hrs.*

Intensive consideration of a single topic in communications. The topic for the course will vary from term to term and may range from a consideration of the work of a single individual to a study of a general movement. Open to majors and to others with the permission of the department.

May be taken twice with different subtitles.

**COM 361 Topics in Journalism**

*3 Hrs.*

Intensive consideration of a single topic in journalism. The topic for the course will vary from term to term and may range from a consideration of the work of a single individual to a study of a general movement. Open to majors and to others with the permission of the department.

May be taken twice with different subtitles.

**COM 400 Communications Professional Internship**

*3 Hrs.*

This course involves a period of work-study in some aspect of communications—a radio or television station, a newspaper office, an advertising agency, the editorial office of a magazine—as circumstances dictate. Each student will be evaluated by the supervising agency and will write a personal evaluation of the work experience. May be taken for up to

nine hours of credit. Open to junior and senior majors only.

*Prerequisites:* Communications 110, 204, 207, and permission of the department.

### COM 415 Media Ethics

*3 Hrs.*

Analysis of media policies and practices with respect to their social impact; governmental regulation of the media; libel laws; pressure groups and their influence; the social responsibilities of media management; other ethical issues confronting persons in communications. Required of all senior majors.

## Computer Science

### CSC 101 Computer Programming I

*3 Hrs.*

Introduction to use of computer as a problem-solving tool. Pascal is the current implementation language used. Topics to be covered are computer organization, programming language details and programming techniques, and algorithm development.

### CSC 102 Computer Programming II

*3 Hrs.*

Continue to develop the discipline of computers as a problem-solving tool. Pascal is the current implementation language used. Topics to be covered are structured programming concepts, debugging and testing, string processing, internal searching/sorting, and simple data structures.

*Prerequisite:* CSC 101.

### CSC 110 Modern Computer Concepts

*3 Hrs.*

An introduction to computer systems, including the history of computers, the uses of the computer in society, the architecture of computers, the configuration of computer systems and associated peripheral devices, and the operating systems used. The course includes an introduction to the mainframe and microcomputer and a brief introduction to programming concepts.

*Note:* A student cannot receive credit for both CSC 100 and CSC 110.

### CSC 112 Introduction to Business Information Processing

*3 Hrs.*

Basic principles of business information pro cessing and programming using Cobol of PL/1 Business case studies are designed to give on experience in both sequential and random ac cess of files.

*Prerequisite:* CSC 101.

### CSC 200 Introduction to Computer System

*3 Hrs.*

Objectives are to provide basic concepts o computer systems, introduce computer archi tecture, and to teach an assembly language Topics to be discussed are computer structure number representation and arithmetic, ma chine language, addressing techniques macros, file I/O, program segmentation an linkage, and assembler construction.

*Prerequisite:* CSC 102.

### CSC 211 Fundamentals of Architecture an Software Systems

*3 Hrs.*

The basic concepts of computer architectur and assembly language for the business per son. Includes computer structure, numbe representation and arithmetic, machine an assembly language and addressing tech niques.

*Prerequisite:* CSC 112.

### CSC 240 Introduction to Computer Organization

*4 Hrs.*

Provides an understanding of physical com ponents used in computer hardware. Topics t be discussed are basic logic design and com puter architecture and continuing the areas o coding and number representation and arith metic. Study of the architecture of a micro computer. Course will include three hours o lecture and three lab hours per week.

*Prerequisite:* CSC 200 or consent of the in structor.

### CSC 305 Introduction to File Processing

*3 Hrs.*

Emphasis will be given to basic concepts and techniques of structuring data on bulk storage devices, sequential and random access files, and algorithms and techniques of file manipulation.

*Prerequisite:* CSC 102 or 112 or permission of the instructor.

**SC 322 Quantitative Methods with Computer Applications**

*Hrs.*

athematical techniques for practical age—PERT, production scheduling, linear ogramming, regression analysis, quality ntrol statistics, and other accounting formation—with computer applications.

*erequisites:* MAT 206 or 306; CSC 102 or 112 permission of the instructor.

**SC 326 Systems Analysis, Design, and Implementation**

*Hrs.*

veloping systems to meet needs of an organtion, training managers in design capaities and limitations of information sysns, beginning training for professional sysns analysts, providing techniques for ilitating implementation process.

*erequisite:* CSC 102 or 112 or permission of instructor.

**C 330 Data Structures**

*Hrs.*

view of primitive data representation, logic, mentary searching and sorting; data strucres; arrays, linearly linked and multilinked s, stacks, queues, graphs, binary trees; prosing data structures, internal and external ting, merging and searching; storage alloion, garbage collection and compaction.

*requisite:* CSC 102.

**C 400 Computers and Society**

*Hrs.*

rief history of computers, survey of growth applications and current social issues to lude legal issues as they relate to business l the individual.

*requisite:* Junior Standing.

**C 410 Comparative Languages**

*Hrs.*

roduction to formal language and autotic concepts; review of basic data types and uctures; control structures and data flow; plementation of these in several languages. PL, ALGOL, SNOBOL4. PL/1, LISP)

*requisite:* CSC 330.

**C 430 Operating Systems**

*Hrs.*

roduction to the role of software organion in general computer systems. Probs, techniques, and concepts in multiess, multiprogram, and multiprocess sys-s.

*requisite:* CSC 240.

**CSC 434 Management Information Systems**

*3 Hrs.*

File organization and security with implementation in an appropriate language, database management systems, management use of computers for data processing, planning and decision making.

*Prerequisite:* CSC 102 or 326.

**CSC 450 Independent Studies in Computer Science**

*1-4 Hrs.*

Research projects in the area of the student's interest; written report will be required. May be taken more than once, but total credits may not exceed four hours.

*Prerequisite:* Open to advanced students by permission of the instructor.

**CSC 460 Systems Simulation**

*3 Hrs.*

Introduction to simulation and comparison with other techniques. Discrete models and queuing theory. Introduction to simscript as a simulation language.

*Prerequisites:* CSC 330 and MAT 206 or 306.

**CSC 470 Topics in Computer Science**

*1-4 Hrs.*

This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles.

Prerequisite: One year of college computer science. May vary with topic. Lecture and laboratory hours vary with the hours credit and the course taught.

**CSC 490 Computer Science Professional Internship**

*3 Hrs.*

Practical experience under supervision in the field of computer science.

*Prerequisites:* At least 21 hours in computer science and permission of the department.

## Dramatic Art and Speech

**DAS 327 Modern Drama**

*3 Hrs.*

Study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

**DAS 336 Tragedy**

*3 Hrs.*

Explorations of various possibilities of defining tragedy; in terms of the protagonist, a plot, an effect upon the audience, an attitude towards life, or others.

# Economics

### ECO 203 Principles of Macroeconomics

*3 Hrs.*

Introductory survey of aggregate economic principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization policies and international trade.

### ECO 204 Principles of Microeconomics

*3 Hrs.*

Survey of economic principles, dealing with specific components of the economy and their application to economic problems; basic demand and supply theory; the theory of production and income distribution; agriculture, government regulation, and labor organizations.

### ECO 300 Current Topics or Specialized Areas of Economics

*3 Hrs.*

Courses designed to investigate and/or evaluate current topics or specialized areas of economics. Course topics are announced the term preceding the offering.

*Prerequisite:* To be designated for each specific course offered.

### ECO 345 Intermediate Microeconomic Theory

*3 Hrs.*

The study of resource allocation in the determination of optimum output and pricing by a firm. Emphasis includes utility production functions and the application of microeconomic theory given various market conditions.

*Prerequisite:* ECO 204 and MAT 113.

### ECO 350 Intermediate Macroeconomic Theory

*3 Hrs.*

The study of the measurement and composition of the Gross National Product, the factors determining its size and growth, and the policy measures by which Government can influence its size, composition and development.

*Prerequisite:* ECO 203 and MAT 113.

### ECO 351 Money and Credit

*3 Hrs.*

Study of the fundamental principles and practices of the money and credit systems of the United States; financial institutions; commercial banking; the Federal Reserve System; monetary theories and policy.

*Prerequisites:* ECO 203 and 204; BUS 207 and 208.

### ECO 360 Mathematical Economics

*3 Hrs.*

The study of economic processes using th tools of calculus to model economic phenon ena.

*Prerequisites:* ECO 350; MAT 114.

### ECO 454 International Trade

*3 Hrs.*

A study of international institutions, inte national trade theory, monetary relation and policy issues. Topics covered include in port and export practices, multinational co porations, tariff and trade restrictions, ba ance of payments and reserve currencies.

### ECO 410 Econometrics

*3 Hrs.*

Mathematical modeling of economic phenon ena.

*Prerequisite:* ECO 360.

### ECO 420 History of Economic Thought

*3 Hrs.*

The study of development of economic thinkin from the Renaissance to modern times, with a tention to the historical background agains which major economic thinkers worked and th impact of their ideas on public policy.

*Prerequisites:* ECO 203 and 204.

### ECO 515 Macroeconomic Theory

*3 Hrs.*

The study of how goods and services are pro duced and distributed including an exam ination of economic policy and an analysis o how it affects the performance of the economi system. This course will explore the topics o national income and employment; market, th price system, and the allocation of resources the distribution of income; the public sector and the international economy.

*Prerequisite:* ECO 203.

### ECO 516 Economics of the Firm

*3 Hrs.*

The application of microeconomic theory t managerial decision making to answer basi resource allocation questions. The course i designed to provide the student with an ability to view resource allocation problems within a constrained optimization framework. In cluded are price and output decisions of the firm under various market conditions such as pure competition, monopoly, oligopoly, and monopolistic competition.

*Prerequisite:* ECO 204.

# ducation

**)U 501 Psychology of Learning**

*Hrs.*

vestigation of various processes and prin-)les of learning and their application to the ıching-learning situation. Consideration of ıt construction and interpretation as an in-ıral part of the teaching-learning relation-ip.

**)U 502 Advanced Developmental Psychology**

*Hrs.*

study of theoretical and experimental lit-ature related to the personal, social, cog-ive, and physical aspects of development. ecial emphasis on the middle-intermediate ıool aged child.

**U 503 Educational Research and Evaluation**

*Hrs.*

nsideration of the various techniques used educational research. Emphasis will be ced upon critical analysis of research de-ns, statistical procedures, and interpret-on of data.

**EU 511 Sociology of Contemporary Education**

*Hrs.*

eneral survey of the relationships between ication and other major societal sub-stems, treated in historical and comparative spectives.

**EU 512 History and Philosophy of Education**

*Hrs.*

luation of twentieth century educational ctices from historical and philosophical spectives.

**EU 521 Reading in Intermediate & Middle Grades**

*Hrs.*

dy of the reading process and its relation-to to language, learning, and thought. Em-sis will be placed on examining newer niques, materials, and practices and im-menting them in the middle and inter-diate grades.

**EU 522 Writing and Other Language Arts**

*Hrs.*

dy of the interrelationship of the language s. Emphasis on developing competence and fidence in communication skills, par-ularly composition.

**EDU 523 Studies in Linguistics**

*3 Hrs.*

Studies of the main tenets of structural linguistics and transformational grammar with some attention to the relation between linguistic theories and older theories about language.

**EDU 524 Diagnosis and Correction of Reading Difficulties**

*3 Hrs.*

Examination of the cause and diagnosis of reading difficulties and methods and materials of instruction. Practical application with individuals or small groups will be required.

**EDU 525 Practicum in Teaching Reading and Writing**

*3 Hrs.*

Practical application of the currriculum and instruction in reading and writing.

**EDU 531 Biological Sciences for Teachers**

*3 Hrs.*

Emphasis on process approach to teaching biological sciences as well as understanding scientific concepts appropriate for intermediate or middle grades students.

**EDU 532 Physical and Earth Sciences for Teachers**

*3 Hrs.*

Emphasis on process approach to teaching physical and earth sciences as well as understanding scientific concepts appropriate for intermediate or middle grade students.

**EDU 540 Social Studies for Teachers**

*3 Hrs.*

Designed to help teachers develop a social studies curriculum which encompasses recent research and methodology developments.

**EDU 550 Health and P.E.**

*3 Hrs.*

A survey course in curriculum, methods, and content of health and physical education.

**EDU 560 Audiovisual Methods and Materials**

*3 Hrs.*

An introductory course in selection, use, and care of audiovisual equipment and the production of educational materials. Includes a study of the basic theoretical concepts relating to mass communications and visual literacy.

**EDU 570 Educational Testing**

*3 Hrs.*

Basic concepts and principles of evaluation. Both standardized and teacher-made tests will be considered.

**EDU 590 Topics in Intermediate and Middle Grades Education**

*3 Hrs.*

Intensive consideration of a topic in education related to students in grades 4-9. The topic for the course will vary from term to term.

**EDU 592 Directed Individual Study**

*1-3 Hrs.*

Independent reading and investigation of the literature relevant to a specific topic or area of education.

**EDU 599 Seminar in Curriculum and Instruction**

*3 Hrs.*

In-depth study of selected problem areas in intermediate school curriculum and instruction.

# English

## Prerequisites

ENG 101, 102 and 201 are prerequisites to all English courses numbered 300 or above.

Special consideration will be given, in certain cases, to non-English majors who desire to take courses numbered 300 or above.

**ENG 101 Communications Skills I**

*3 Hrs.*

This course will emphasize the development of the student's critical standards, and will stress the ability to use research techniques. Some reading will be done to provide thematic content to the course.

**ENG 102 Communication Skills II**

*3 Hrs.*

Course designed to help freshmen to write, read, and speak clearly. Part of the semester will be devoted primarily to speech. The rest of the semester will be devoted to teaching the student how to organize and write an effective short essay. Reading material wil be used to stimulate the student's critical insights and to provide thematic content.

*Prerequisite:* ENG 101.

**ENG 109 Business English**

*3 Hrs.*

Basic review of mechanics and composition skills. Some attention to oral as well as written communication. Letter writing and introduction to technical writing.

No credit toward English major or distributed requirements.

**ENG 201 Introduction to Literature**

*3 Hrs.*

Selected American, English, and Europea fiction and drama; interpretive reading a writing based on literature; class discussion individual conferences, and short paper Course is prerequisite to all English cours numbered 300 and above, except in certa cases, with approval of instructor.

**ENG 202 Women in Literature**

*3 Hrs.*

Organized around female sterotypes ar archetypes, this study of images of women literature makes use of reading selectio from nineteenth and twentieth century a thors illustrating both positive and negati views of of women as wives, mothers, sex o jects, seductress-goddesses, spinsters and li erated persons.

**ENG 207 Expository Writing I**

*3 Hrs.*

Expository writing based upon topics ar readings to be assigned by the instructor. Th student will be expected to write knov ledgeable expository prose based upo thought, reading, and research.

*Prerequisites:* ENG 101 and 102, or permissio of the department.

*Note:* Students may elect this course as CO 207.

**ENG 208 Expository Writing II**

*3 Hrs.*

A continuation of Expository Writing I f those students who need or wish further exp rience in developing their writing.

*Prerequisite:* ENG 207, or permission of th department.

*Note:* Students may elect this course as CO 208.

**ENG 217 Backgrounds to Western Literatur**

*3 Hrs.*

A study of the classical and biblical back grounds which figure so importantly in th development of the Western literary traditio While some consideration will be given to th historical and philosophic nature of the work studied, the emphasis will be on the works a great literature. Included will be a study of th Bible, Greek drama, the Homeric epic, an Aristotle's Poetics.

Open to freshmen, sophomores, and student not concentrating in English, as well as stu dents concentrating in English.

**NG 301, 302 Literary History of England**

*Hrs., 3 Hrs.*

istorical and critical exploration of the major riods, forms, and attitudes of English literare from Beowulf to the present. Continuities d discontinuities of central developments of nglish literature will be discussed through xts. Literary examination and judgement as ell as writing skills will be stressed.

r sophomores and juniors; 301, 302 need not taken before other 300 numbered courses, t can be taken simultaneously or later.

**NG 303 Major Figures in World Drama: Ancient Greece to the Renaissance**

*Hrs.*

rvey of dramatic literature from ancient reece to the Renaissance with emphasis on e relationship of the plays to the physical cumstances of theatrical production and to e historical and cultural milieu of the riod.

*te:* Students may elect this course as DAS 3.

**NG 304 Major Figures in World Drama: Renaissance to Modern**

*Hrs.*

rvey of dramatic literature from the Rerissance to the time of Ibsen with emphasis the relationship of the plays to the physical cumstances of theatrical production and to e historical and cultural milieu of the riod.

*te:* Students may elect this course as DAS 4.

**NG 307 Advanced Composition**

*Hrs.*

udy of principles of writing, with special aention to observation and reflection, form ad meaning, modern usage, and effective exssion.

*te:* Students may elect this course as COM 7.

**NG 308 Creative Writing**

*Hrs.*

actice in writing and in criticism of the ay, short story, and poem in view of a final ce of sustained, related work, for students h interest and aptitude for composition.

mission by permission of instructor.

*te:* Students may elect this course as COM 8.

**NG 309 Chaucer and Medieval Literature**

*Hrs.*

adings in medieval English literature with phasis on Chaucer, the Arthurian romance, ad the medieval drama.

**ENG 312 The Renaissance**

*3 Hrs.*

Exploration of the major attitudes, forms, and techniques of Renaissance literature with an emphasis on England. Broad connections with related departments in Renaissance art, history and government will also be examined.

**ENG 313 Shakespeare**

*3 Hrs.*

Representative comedies, histories, tragedies, and romances with emphasis on Shakespeare's development as a dramatic artist.

**ENG 318 The Seventeenth Century**

*3 Hrs.*

Study of poetry, drama, and prose with emphasis on Jonson, Donne and the Metaphysicals, and Milton.

**ENG 320 Literature of the Restoration and the Eighteenth Century**

*3 Hrs.*

A study of neo-classical literature, from the Restoration through Pope and the Augustans to the pre-romantics.

**ENG 322 The Romantics**

*3 Hrs.*

Representative major poetical works of early and late Romantic authors. Key prose documents in the rise and development of Romanticism will also be examined.

**ENG 324 The Victorian Age**

*3 Hrs.*

Consideration of the major themes and concerns of novelists, poets, and prose writers of the Age of Victoria; emphasis on works of Tennyson, Carlyle, and other important figures.

**ENG 325 The Novel**

*3 Hrs.*

Development of the novel as a literary form using selected works of English fiction from the 18th century to the present.

**ENG 326 Modern British Literature**

*3 Hrs.*

Examination of modern British literature from the turn of the century to the 1950's. Emphasis on the works of Joyce, Yeats, Shaw, and the Bloomsbury Group. Central themes and technical innovations in 20th century poetry, fiction, and dramas will be explored.

**ENG 327 Modern Drama**

*3 Hrs.*

Study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

*Note:* Students may elect this course as DAS 327.

**ENG 328 Modern American and English Poets**

*3 Hrs.*

Development of modern poetry from its post-Victorian beginnings to the present; emphasis on Frost, Eliot, Yeats, and Stevens.

**ENG 329 Identity Conflicts in Modern American Literature**

*3 Hrs.*

Study of conflict between identity in a minority group and identity as an American.

**ENG 331 American Literature to 1900**

*3 Hrs.*

Study of the particular properties and the major movements of American literature as seen in the works of major writers to 1900.

**ENG 332 American Literature Since 1900**

*3 Hrs.*

Study of the particular properties and the major movements of American literature as seen in the works of major writers since 1900.

**ENG 333 Southern Literature**

*3 Hrs.*

Study of the growth and development of the literature of the American South. The course will emphasize unique regional qualities of subject, theme, and style.

**ENG 334 Studies in Linguistics**

*3 Hrs.*

Studies of the main tenets of structural linguistics and transformational grammar with some attention to the relation between linguistic theories and older theories about language.

**ENG 336 Tragedy**

*3 Hrs.*

Exploration of various possibilities of defining tragedy in terms of the protagonist, a plot, an effect upon the audience, an attitude toward life, or others.

*Note:* Students may elect this course as DAS 336.

**ENG 341 Spanish Literary Classics**

*3 Hrs.*

Important literary works from various periods chosen for their importance and influence or reflection on world literature.

All course work conducted in English.

*Note:* Students may elect this course as SPA 341.

**ENG 342 French Literary Classics**

*3 Hrs.*

Consideration of major literary works fro various periods chosen for their value as co tributions to world literature.

All course work conducted in English.

*Note:* Students may elect this course as FR 343.

**ENG 345 Spanish Drama of the Golden Ag**

*3 Hrs.*

Literary background of the Golden Age; rea ing and evaluation of drama.

All course work conducted in English.

*Note:* Students may elect this course as SP 423.

**ENG 348 Cervantes**

*3 Hrs.*

Study of works of Cervantes, with emphasis o *Don Quixote* and the *Novales Ejemplares*..

All course work conducted in English.

*Note:* Students may elect this course as SP 448.

**ENG 351 Special Studies in English Literature**

*3 Hrs.*

Intensive consideration of a single problem i English literature. The topic for the cours will vary from term to term and may rang from a consideration of the work of a majo writer to a study of a single genre or in tellectual movement.

May be taken twice with different subtitles.

**ENG 352 Special Studies in American Literature**

*3 Hrs.*

Intensive consideration of a single problem i American literature. The topic for the cours will vary from term to term and may rang from a consideration of the work of a majo writer to a study of a single genre or in tellectual movement.

May be taken twice with different subtitles.

**ENG 354 Special Studies in World Literatur**

*3 Hrs.*

Intensive consideration of a single problem i world literature. The topic for the course wil vary from term to term and may range from consideration of the work of a major writer to study of a single genre or intellectual move ment. Primarily intended for short term courses.

May be taken twice with different subtitles.

**NG 355 Existential Philosophy in Literature**

*Hrs.*

n examination of the themes and ideas of ntemporary existential thought as they are nbodied in the literary works of authors such Dostoyevsky, Kafka, Malraux, Sartre, ckett, Ionesco, and others. The course in-lves an analysis of such ideas as the nature d destiny of man, the problems of freedom d evil, the notions of alienation and iso-tion, the idea of the "death of God," and the tological significance of death and anxiety.

*ote:* Students may elect this course as Phil-ophy 310d.

**IG 449 Directed Readings in Composition or Literature**

*2, 3 Hrs.*

lependent investigation of a topic in com-sition or literature through a program of ected readings; oral examination conducted the course supervisor and other members of e department upon invitation. Open to ju-or and senior English majors with a 3.0 erage in English.

**G 450 Independent Study in Composition or Literature**

*2, 3 Hrs.*

lependent investigation of a topic in com-sition or literature resulting in a research per which is evaluated by two members of t department. Open to junior and senior glish majors with a 3.0 average in English.

**EG 460 Studies in Literature and Criticism**

*3 rs.*

S dents will read works of literature and ir rpret them in the light of modern critical e ays and selected works by major authors.

S inar for seniors only.

# Environmental Science

**EC 101, 102 Environmental Science**

*3 rs., 3 Hrs.*

A tudy of the environmental issues con-ting our present society: energy, popu-a on, pollution, natural resources, food pro-d tion, materials production, waste disposal, n sportation. Certain scientific principles a considered to the extent necessary for a b ic understanding of the environmental p blems, and some attention is given to the ro of science in the development of and at-e pted solutions to these problems. Envir-n ental Science 101, 102 will fulfill the Area IV Distributed Requirements.

*Prerequisite:* ESC 101 or a college level physi-ca science course is prerequisite to ESC 102.

Tw hours lecture, two hours laboratory a week.

# French

**FRE 101, 102 Elementary French**

*3 Hrs., 3 Hrs.*

Presentation of the basic structure of the language; first term emphasis on the spoken language; second term, the use of the written language for communication and comprehension. French 101 may fulfill distributed requirements, Area II, upon satisfactory completion of French 102.

**FRE 370 Topics in French Studies**

*3 Hrs.*

Course designed to address a specific topic or area of French studies. Topic will be announced the semester preceding the offering.

*Prerequisite:* To be designated for each specific course offered.

# History

## Prerequisites

Dependent upon the courses and noted in descriptions, HIS 101, 102, 203, or 204 may be required except with permission of the instructor.

**HIS 101 World Civilization to 1650**

*3 Hrs.*

A survey of the history of civilization from the ancient world to the European crises of the seventeenth century, with emphasis upon the political, social, and intellectual development of Western civilization.

**HIS 102 World Civilization Since 1650**

*3 Hrs.*

A survey of the history of civilization from the end of the religious wars and the emergence of the great European powers to the crises of the twentieth century and nuclear age, with emphasis generally upon the political, social, and intellectual development of Western civilization.

**HIS 203 The United States to 1877**

*3 Hrs.*

Rise of an American tradition; establishment of a nation; economic and social developments; expansion and sectional controversy; war and reconstruction.

**HIS 204 The United States Since 1877**

*3 Hrs.*

Settling the West; the triumph of business; reform movements and foreign affairs; the New Deal era; the Cold War era.

### HIS 300 Research in Local and Family History

*3 Hrs.*

Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds wills, and census returns. There will be written and oral presentations of findings.

*Note:* Students may elect this course as MAHS 300.

### HIS 301 English History to 1688

*3 Hrs.*

A survey of English history from the Roman conquest to the Glorious Revolution, with emphasis on the Tudor and Stuart periods.

*Prerequisite:* HIS 101 (or Humanities 211 and 212) or permission of the instructor.

### HIS 302 English History Since 1688

*3 Hrs.*

The age of aristocracy and the first empire; the struggle against revolutionary and Napoleonic France; the era of reform and high tide of imperialism; the democratic age and the storms of war.

*Prerequisite:* HIS 102 (or Humanities 213 and 214) or permission of the instructor.

### HIS 307 History of Latin America

*3 Hrs.*

A survey of the forces and events which have shaped Latin American experience from the 16th century to the present.

### HIS 315 Folklore and Oral History

*3 Hrs.*

Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in the methodology of gathering and preserving historical information in oral form.

*Note:* Students may elect this course as MAHS 315.

### HIS 317 History of Russia

*3 Hrs.*

Cultural heritage of Kievan Russia; Muscovy and the origins of the autocratic state; St. Petersburg, imperial capital and cradle of revolution; the new Leninist autocracy and the emergence of the USSR as a world power.

*Prerequisite:* HIS 101 or 102 or permission of the instructor.

### HIS 319 Modern Germany

*3 Hrs.*

A survey of German history from 1618 to th present. Begins with the Thirty Years Wa traces the evolution of the several Germa states, examines the process of unification le by Bismarck, and analyzes the emergence an solution of the "German Problem" in the nin teenth and twentieth centuries.

### HIS 322 History of the Far East

*3 Hrs.*

A study of the history and culture of Indi China and Japan. Art, architecture, scienc philosophy and religion as well as family li and government will be looked at as man festations of a people's culture. Some of th more recent political and economic de velopments will be the role of Gandhi and th Nehrus in India, the Communist revolutio and Four Modernizations in China, and th Meiji Restoration and the "Economic Miracle of Japan.

### HIS 325 American Foreign Policy

*3 Hrs.*

Major themes in the history of American d plomacy to 1945 with emphasis on their appl cations, modification, and development in re lation to America's increased reponsibilitie as a world power.

*Prerequisite:* HIS 203 or 204 or permission the instructor.

*Note:* Students may elect this course as PS 325.

### HIS 326 Contemporary American Foreign Policy

*3 Hrs.*

Analysis of the role of the United States i contemporary world politics; emphasis upo the nature of the foreign policy-making pr cess and the rationale, content, and impact c contemporary American international action and policies.

*Prerequisite:* HIS 204 or permission of th instructor.

### HIS 361 Ideas and Values in Conflict in History

*3 Hrs.*

A study of decisive intellectual and moral con flicts involving individualism, humanism, ob scurantism, fundamentalism, racism nationalism, totalitarianism, socialism, Naz ism, Communism, materialism, and fa naticism.

### HIS 376 The Lives and Times of Eminent Victorians

*3 Hrs.*

A study concentrating on the political, social intellectual, and cultural currents and de velopments in Victorian England.

**S 379 Europe in the Middle Ages**

*Hrs.*

study of the political, intellectual, religious, ltural, social, and economic developments in irope, Byzantium, and the Islamic world m the end of the Ancient World to the early naissance, with primary emphasis on West- n Europe.

*erequisite:* HIS 101 or permission of the structor.

**S 380 Renaissance and Reformation**

*Hrs.*

study of the political, intellectual, religious, ltural, social, and economic developments in irope from the 14th to the 17th centuries, a riod of transition from Medieval to Modern irope.

*erequisite:* HIS 101 or permission of the structor.

**S 386 Europe Since 1789**

*Hrs.*

comparative survey of modern Europe from e French Revolution to the present. The urse investigates, among other topics, ropean industrialization, wars and revo- ions, cultural trends, and social changes.

**S 389 Topics in United States History**

*Hrs.*

pics are announced annually.

*erequisite:* HIS 203 or 204 or permission of e instructor.

**S 390 Individuals and Generations**

*Hrs.*

biographical approach to history through e study of individuals living in different onological periods. Students will gain a id and concrete feel for these historical es and examine the interaction of external ces upon the attitudes and actions of indi- uals.

**S 391 Topics in World History**

*Hrs.*

pics announced annually.

*erequisite:* HIS 101 or 102 or permission of e instructor.

**S 392 American Women: Leaders and Movements**

*Hrs.*

view of the role of women in the history of erican society and politics.

*erequisite:* HIS 203 or 204 or permission of e instructor.

**HIS 393 Main Currents in Southern History**

*3 Hrs.*

Emphasis is on the economic, cultural, and intellectual forces that have shaped the thinking and actions of the South.

*Prerequisite:* HIS 203 or 204 or permission of the instructor.

**HIS 394 The Black Minority in American Society**

*3 Hrs.*

A socio-historical study of minority group relations emphasizing key periods and issues in the history of the Afro-American—the problems faced, the response made, and the consequences and significance of this heritage for both blacks and whites.

**HIS 396 Urban History**

*3 Hrs.*

Study of the growth, development, and changing character of major cities in the United States from colonial days to the present. Emphasis placed on the city's impact on the thought and life of the nation.

*Prerequisite:* HIS 203 or 204 or permission of the instructor.

**HIS 397 The United States: 1920 to 1945**

*3 Hrs.*

The domestic history of the United States from 1920 to 1945; stress placed on diverse cultural and intellectual developments with special attention to the strain of social change and the subsequent responses of the institutions and movements.

*Prerequisite:* HIS 204 or permission of the instructor.

**HIS 398 The United States: 1945 to the Present**

*3 Hrs.*

The domestic history of the United States during the post World War II years, stress placed on the 1950s and 1960s and the intellectual, cultural, and social ferment of that period.

*Prerequisite:* HIS 204 or 397 or permission of the instructor.

**HIS 399 Forces of Change**

*3 Hrs.*

An examination of various factors that act on individuals and society to produce change in the world. Climate, geography, economics, science and technology, global dynamics, culture, ideas, the individual and the masses, psychology, religion, and philosophy are some of the factors that may be discussed, utilizing readings of Toynbee, Turner, Webb, Rostow, Marx, Mumford, Forrester, Spengler, Tolstoy, James, and/or others.

### HIS 449 Directed Readings in History

*1, 2, 3 Hrs.*

Independent investigation of a topic through a program of directed readings. There will be an interpretive paper and oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic.

### HIS 450 Independent Study in History

*1, 2, 3 Hrs.*

Independent investigation of a topic through the writing of a research paper; oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic or project.

### HIS 475 Professional Internship in History

*1, 2, 3, 4 Hrs.*

Designed to enable students to receive training in law and politics, public administration, government and foreign service, or other such career opportunities for which history provides a background.

Grading is Pass/Fail.

Open only to junior and senior majors with the permission of the department.

To count toward the history major at least 3 credit hours must be taken.

### HIS 490 Senior Seminar

*3 Hrs.*

Colloquium for history majors who meet for discussions, lectures, and presentations of papers.

## Humanities

### HUM 211 The Western Experience in the Ancient World

*3 Hrs.*

An interdisciplinary course which explores the Western experience from the origins of civilization in the ancient Near East to the end of the Roman Empire in the West. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

### HUM 212 The Western Experience in the Middle Ages, Renaissance, and Reformation

*3 Hrs.*

An interdisciplinary course which explores the Western experience from the advent of the Middle Ages through the Reformation. The major literary, artistic, religious, philosophical, and historical works of each period are examined.

### HUM 213 The Western Experience from t Scientific to the French Revoluti

*3 Hrs.*

An interdisciplinary course which explo the Western experience from the Scienti Revolution and the Baroque Period throu the Enlightenment and the French Re lution. The major literary, artistic, religio philosophical, and historical works of ea period are examined.

### HUM 214 The Western Experience from t French Revolution and Romanticism to the Nuclear Ag

*3 Hrs.*

An interdisciplinary course which explor the Western experience from the French Rev lution and the advent of Romanticism and t Industrial Revolution to the Nuclear Age. T major literary, artistic, religious, philosoph cal, and historical works of each period a examined.

### HUM 521 The Ancient World of Greece and Rome

*3 Hrs.*

Through an examination of the philosoph mythology, political history, art, and liter ture of Greece and Rome, this course intr duces the student to the fundamental issues the human experience as they developed in t ancient world and forged the Graeco-Roma cultural synthesis.

### HUM 522 The Medieval and Renaissance Worlds

*3 Hrs.*

The course explores the re-establishment civilization in the West in the wake of th decline of the Roman Empire, and the forgin of a new, western civilization out of th Graeco-Roman, Judeo-Christian, and Ge manic elements. It examines the reassessmer of Greek, Roman, and Christian ideals in th religious context of the Middle Ages and th secular, humanistic context of the Re naissance.

### HUM 523 Reason, Romanticism, and Realism

*3 Hrs.*

This course examines the expansion of Re naissance individualism and secularism in th post-Copernican world through World War It focuses upon the Scientific Revolution, th Enlightenment, the Industrial Revolutio Romanticism, and the Era of Promise an Pessimism before the Great War.

**IUM 524 The Modern Age: Europe, America, and the Third World**

*Hrs.*

his course examines the critical issues which onfront humanity in the modern age and ncludes exploration of selected cultures of eveloping nations of the Third World.

**IUM 525 Methods of Teaching Humanities**

*Hrs.*

his course will examine ways to teach Huanities to students in grades 4-9.

*rerequisite:* At least one course from Huanities 521-524.

## nterdisciplinary Studies

**)S 201 Fundamentals of Library Research**

*Hrs.*

his course is designed to give the learner a seful knowledge of library organization and ffective research methods. The overall structre of the library will be presented and disssed. Students will be given research asgnments which will allow them to become ore proficient in research techniques in any rea of their education.

## .iberal Arts

**IB 500 Liberal Studies Elective**

*Hrs.*

n opportunity for an MLA student to receive raduate credit for an undergraduate course y doing an additional graduate component, hich will be approved by both the course structor and the MLA Coordinator. This ourse may be taken three times for credit in ourses for which the student has not preously received undergraduate credit.

**B 530 Interdisciplinary Seminar**

*Hrs.*

n intensive exploration of a topic of sigficance in the liberal arts. It may focus upon n era, a cultural or intellectual development, n historical event, or another topic of broad teret which is consistent with the objectives the program. The approach will be interisciplinary, examining connections among sciplines such as history, literature, art, usic, film, the social sciences, mathematics, ience and technology.

*rerequisite:* two of the four courses in the umanities Sequence, HUM 521, 522 523, 24; and two graduate electives.

tudents will take two LIB 530, Interisciplinary Seminars, focusing upon different pics.

**B 570 Directed Studies I**

*Hrs.*

consultation with the graduate faculty mmittee, the student will pursue interisciplinary research on the Master's thesis or oject.

*erequisite:* Completion of all required course work.

**LIB 571 Directed Studies II**

*3 Hrs.*

In consultation with the graduate faculty committee, the student will complete the Master's thesis or project.

*Prerequisite:* LIB 570.

## Mathematics

**MAT 101 College Algebra & Trigonometry**

*3 Hrs.*

Sets, equations, and inequalities; mathematical induction; relations, functions and their graphs; trigonometric functions.

**MAT 105 Finite Mathematics**

*3 Hrs.*

Systems of equations, matrices, and an introduction to linear programming.

**MAT 113 Calculus I**

*3 Hrs.*

An integrated treatment of analytic geometry and limits, continuity of functions, introduction to differentiation and integration with applications to extreme values and curve sketching.

*Prerequisite:* MAT 101 or the equivalent.

**MAT 114 Calculus II**

*3 Hrs.*

Continuation of basic integration with applications, elementary transcendental functions, techniques of integrations (of functions of one variable), Taylor's theorem, L'Hopital's rule, improper integrals and infinite series.

*Prerequisite:* MAT 113.

**MAT 206 Statistical Methods**

*3 Hrs.*

Introduction to the concept of statistical inference with emphasis on applications using the normal, t, chi-square, and F distributions. Primarily for persons concentrating in the behavorial or social sciences.

*Prerequisite:* MAT 101 or 105 or 113.

**MAT 209 Discrete Structures**

*3 Hrs.*

A study of discrete structures with applications from computer science. Topics to be introduced are types and properties of relations, functions, lattices and Boolean algebras, trees, languages and grammar, basic theory of semigroups and groups, and finite state machines.

*Prerequisites:* CSC 101 and MAT 101 or 105 or equivalent.

**MAT 213 Calculus III**

*3 Hrs.*

Vector algebra, curves and vectors in the plane and in three dimensions, solid analytical geometry, polar and spherical coordinates, partical derivatives.

*Prerequisite:* MAT 114.

**MAT 303 Linear Algebra**

*3 Hrs.*

Coordinate geometry; vectors and three-dimensional geometry; matrices and determinants; linear transformations.

*Prerequisite:* MAT 213.

**MAT 306 Statistical Inference**

*3 Hrs.*

Study of the relation of sample to population with the consideration of statistical problems such as testing of hypotheses, estimation, and experimental design.

*Prerequisite:* MAT 114.

**MAT 308 Applied Linear Regression Models**

*3 Hrs.*

This course is designed to give the students a comprehensive understanding of both the underlying theory and practical applications of linear regression models. Students will be required to analyze data sets with the aid of existing computer facilities and software.

*Prerequisite:* MAT 206 or MAT 306.

**MAT 311 Differential Equations**

*3 Hrs.*

This course is designed to introduce the student to differential equations and their applications. In addition to studying the theoretical aspects of differential equations, students will also examine numerical methods and solutions with the use of the existing computer facilities and software.

*Prerequisite:* MAT 214.

**MAT 403 Introduction to Operations Research**

*3 Hrs.*

This course is designed to introduce the students to the fundamental ideas and methods of Operations Research and provide them with enough understanding and confidence to appreciate the strengths and limitations of Operations Research.

*Prerequisites:* MAT 214, 303, and 306.

**MAT 409 Numerical Analysis**

*3 Hrs.*

Roots of algebraic and transcendental equa tions; difference calculus and interpolatior matrix inversion and eigen-value problems fo differential equations.

*Prerequisites:* MAT 213 and 303. MAT 21 may be taken concurrently.

## Mathematics Education

**MTE 521 Foundations of Mathematics**

*3 Hrs.*

The development of the number system stu died in parallel with a child's cognitive de velopment. The course stresses "hands-on approach to mathematics with application from the sciences and related areas.

**MTE 522 Introduction to Computing for Teachers**

*3 Hrs.*

An introduction to computers and how they work. A survey of computer applications in society and the "classic" applications of com puters in education. Students will be intro duced to LOGO and receive some instructior in reading programs.

**MTE 523 Problem Solving from an Historical Perspective**

*3 Hrs.*

Study of the history of mathematics from the problem solving perspective. Topics to be covered are different problem solving tech niques, logical reasoning, and mathematica proofs.

**MTE 524 Concepts of Data Analysis**

*3 Hrs.*

Provides an understanding of the concepts o presentation and analysis of data. This wil include elementary statistics and probability graphs, charts, and data descriptions.

**MTE 526 Geometry for Teachers**

*3 Hrs.*

This course includes topics from both informa geometry: similarity, congruence, men suration, graphing, geometrical con structions; and formal geometry: axiomatrics and formal proofs in Euclidean geometry Methods of introducing these concepts into the mathematics curriculum k-9 are discussed.

### MTE 599 Problems in Teaching Mathematics

*Hrs.*

This course is designed to encourage the development of independent learning and research skills. Research projects will be assigned from unfamiliar but elementary topics of current interest in mathematics education.

## Music

### MUS 100 Introduction to Music

*Hrs.*

Study of the basic materials of music, survey of the important composers and examination of selected masterpeices with reference to cultural background; technical knowledge of music not necessary for enrollment.

### MUS 207 Music in America

*Hrs.*

A survey of music and musical practices in the United States from colonial times to the present, with particular emphasis on those inherent qualities which have permeated America's serious and popular music over the past three centuries. No musical background necessary.

## Philosophy

### PHI 203 Introduction to Philosophy

*Hrs.*

Introductory study of the perennial questions of philosophy and the various methods by which philosophy has tried to answer them.

### PHI 205 Elementary Logic

*Hrs.*

A study of deductive logic in its development from traditional Aristotelian logic to contemporary symbolic logic. Emphasis on learning valid reasoning procedures, the fallacies of language, and problem solving using the terms of symbolic logic. Methods and fallacies of scientific method and inductive reasoning also discussed.

### PHI 207 Ethics

*Hrs.*

Study of the theories and writers in moral philosophy; practical questions considered in the context of major questions of good, duty, right; consideration of problems in social ethics; and the critical analysis of contemporary moral problems.

### PHI 220 Philosophy of Religion

*3 Hrs.*

Introductory study of some of the major areas of concern related to religious experience and values; development of a critical understanding of the nature of religion and such beliefs as God, freedom, evil, and the nature of man; and the relationship of religion to other human values.

## Physics

### PHY 101, 102 General Physics

*4 Hrs., 4 Hrs.*

Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics.

*Prerequisite:* Elementary algebra and plane geometry; Physics 101 is prerequisite to Physics 102.

Three hours lecture and three hours laboratory each week.

## Political Science

### PSC 100 Introduction to Political Science

*3 Hrs.*

An introduction to basic concepts describing political activity, to the language and different approaches used in political science, and to the subfields of the discipline with emphasis upon comparative politics, international politics, empirical and normative political theory, public administration, and law and judicial behavior.

### PSC 201 American Politics

*3 Hrs.*

Political institutions and behavior; introduction to the Presidency, Congress, Supreme Court; political parties and pressure groups as actors in politics; conservatism and liberalism as motivating philosophies.

## Psychology

### Prerequisite

Psychology 201 is prerequisite to all other psychology courses.

### PSY 201 General Psychology

*3 Hrs.*

Survey of the field of psychology emphasizing the results of scientific investigations in the area of behavior.

**PSY 302 Psychology of Personality**

*3 Hrs.*

Survey of selected theories of personality and study of principles of personality development.

**PSY 303 Social Psychology**

*3 Hrs.*

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

*Note:* Students may elect this course as SOC 303.

**PSY 303L Experimental Social Psychology**

*1 Hr.*

Application of experimental methods to the problems of social psychology such as attitude change, conformity, and leadership. Special problems of research design and techniques peculiar to the area of social psychology are considered.

Three hours laboratory per week.

*Prerequisite or Corequisite:* PSY 303.

**PSY 304 Abnormal Psychology**

*3 Hrs.*

A study of the deviant individual from both the dynamic and behavioral viewpoints. The diagnosis, etiology, treatment, and prevention of maladaptive behavior are considered.

**PSY 306 Experimental Methods in Psychology**

*3 Hrs.*

Application of experimental methods to problems in perception, learning, and social behavior. Principles of research, including experimental design, use of apparatus, and procedural and statistical control are considered.

This course must be taken concurrently with PSY 306L.

*Prerequisite:* PSY 205.

**PSY 306L Laboratory in Experimental Psychology**

*1 Hr.*

Study of techniques and procedures of psychological research, and conducting of experiments in learning, perception, sensory processes, motivation, and social behavior.

Three hours laboratory per week.

This course must be taken concurrently with PSY 306.

*Prerequisite:* PSY 205.

**PSY 308 The Exceptional Child**

*3 Hrs.*

Study of the psychological problems of children who deviate from normative patterns of growth and development.

*Prerequisite:* PSY 309 or permission of the instructor.

**PSY 309 Child Psychology**

*3 Hrs.*

Study of development processes from co ception to puberty, with emphasis on theor principles, and recent research.

**PSY 311 Psychological Tests**

*3 Hrs.*

Introductory study of principles of test eval ation and interpretation and consideration examples of the major types of psychologic tests in reference to these principles.

*Prerequisite:* MAT 206

**PSY 314 Psychology of Learning**

*3 Hrs.*

Survey of empirical findings on responde and operant conditioning, and on human ve bal learning with consideration of researc methods and design; critical examination historical and contemporary learning theor

**PSY 315 Laboratory in Conditioning and Learning**

*1 Hr.*

Conducting experiments in respondent an operant conditioning using both human an animal subjects, and in human verbal learn ing.

*Prerequisite or Corequisite:* PSY 314.

Three hours laboratory per week.

**PSY 319 Psychology of Adolescence and Adulthood**

*3 Hrs.*

Study of development processes from puberty to old age, with emphasis on theory, prin ciples, and recent research.

**PSY 351 Professional Internship in Psychological Services**

*1, 2, 3 Hrs.*

Placement in a local agency for supervise experiences in programs stressing psycho logical services. Possible service areas includ mental health, mental retardation, juvenil deliquency, drug abuse, assessment, an psychological aspects of music therapy and ar therapy. Evaluation of experiences and re lated readings in weekly seminars.

Admission by permission of instructor. May b repeated. Only 3 hours credit may be applie to a major in psychology.

**PSY 352 Topics in Psychology**

*3 Hrs.*

Intensive consideration of a problem in psychology. The topic for the course will vary from term to term.

*Prerequisite:* Sophomore status or above.

May be repeated with different subtitles.

**PSY 400 Advanced General Psychology I**

*1 Hr.*

A restudy and synthesis of basic psychological principles.

*Prerequisites:* 21 hours of psychology courses and senior status.

**PSY 401 Advanced General Psychology II**

*3 Hrs.*

Consideration of the major areas of psychology from classical positions through contemporary viewpoints.

**PSY 412 Physiological Psychology**

*3 Hrs.*

Introduction to the nervous system and internal environment and their effects upon behavior. Normal and abnormal conditions discussed with respect to sensation, learning, emotion, and motivation.

**PSY 449, 450 Independent Research**

*1, 3 Hrs.*

Opportunity for independent investigations of topics by means of reading and/or experimentation. First term is devoted to formulating the problem, determining its method of investigation, and compiling a bibliography; second term, to collecting the data and writing a report.

*Prerequisites:* Permission of the department; also, PSY 449 is prerequisite to PSY 450.

**PSY 451 Seminar in Psychology**

*1, 2, 3 Hrs.*

Seminar dealing with areas of psychology not covered in the regularly scheduled courses such as personnel psychology and behavior modification. Admission by permission of instructor.

**PSY 452 Directed Readings in Psychology**

*1, 2, 3 Hrs.*

Independent investigation of a topic through a program of directed readings; oral examination conducted by department members.

Admission by permission of instructor.

May be repeated.

# Religion

**REL 103 Introduction to the Study of Religion**

*3 Hrs.*

An introduction to religious thought and experience including sociology of religion, history of the Christian Church, theology, ethics, and comparative religions.

**REL 205 The Old Testament**

*3 Hrs.*

Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature, and faith of the people in Israel as seen in the Old Testament.

**REL 206 The New Testament**

*3 Hrs.*

The history, literature, and faith of the early Christian community as seen in the New Testament.

Students intending to take six hours in the Bible should enroll in REL 205 prior to REL 206.

# Spanish

**SPA 101, 102 Elementary Spanish**

*3 Hrs., 3 Hrs.*

Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the Hispanic civilization. SPA 101 may fulfill distributed requirements, Area II, upon satisfactory completion of SPA 102.

# Sociology

**SOC 203 Principles of Sociology**

*3 Hrs.*

Basic concepts and principles of sociology; relationships and meaning of culture, society, personality, and inter-action; analysis of group structure and social organization.

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Dr. Sue F. Ross
*Davidson, NC*

# DISTINGUISHED EXECUTIVE LECTURERS

In order to benefit from the unique and valuable experience of eminently successful chief executive officers and entrepreneurial business leaders, Distinguished Executive Lecturers are named annually. Distinguished Executive Lecturers, appointed for a two-year term, give at least one lecture in a graduate class per year and visit the campus annually to contribute to curriculum evaluation and development. The breadth of the education and experience of these lecturers is extensive. The uniting theme is their indisputable practical success and expertise.

**Class of 1985-1987**

Dean Cassell
President & Chief Executive Officer
Merrill Lynch Realty

Larry J. Dagenhart
Partner
Helms, Mulliss and Johnston

John C. Engler
Vice President & Resident Manager
Merrill Lynch, Pierce, Fenner & Smith

Walter Y. Elisha
President, Chairman of the Board, and CEO
Springs Mill Industries

Charles G. Graham
Vice President
John Crosland Company

Timothy Finley
Senior Vice President
Cannon Mills Company

Paul F. Fogelman
President
Inform, Incorporated

Dale Halton
President and Chairman of the Board
Pepsi Cola Bottling Company

Robin Hinson
Senior Partner
Robinson, Bradshaw, & Hinson, P.A.

F. Kenneth Iverson
President & Chief Executive Officer
Nucor Corporation

Sis A. Kaplan
President
WAYS Radio

William S. Lee III
Chairman of the Board and Chief Executive Officer
Duke Power Company

John H. Maxheim
President & Chief Executive Officer
Piedmont Natural Gas Company

W. Olin Nisbet
President
Sterling Capital Management

Dr. Harry A. Nurkin
President
The Charlotte-Mecklenburg Hospital Authority

William G. Seymour
Chairman
Broadway & Seymour

James Thomas Triplett
President
Triplett-Ryan, Inc.

Thomas S. Wallace
Managing Partner
Arthur Young & Company

**lass of 1986-1988**

rskine Bowles
resident
owles, Hollowell, Conner & Co.

ere A. Drummond
ice President
outhern Bell

Cary Findlay
anaging Partner
eloitte, Haskins, & Sells

illiam H. Grigg
xecutive Vice President for
Finance and Administration
uke Power Company

ugh L. McColl, Jr.
hairman of NCNB Corporation
orth Carolina National Bank

illiam A. McGee
ice President
orth Carolina National Bank

mes R. Nisbet
hairman of the Board
arolina Controls Company

oger W. Owens
ranch Manager
BM Corporation

illiam G. Staton
resident, Bill Stration Enterprises
and Editor and Publisher,
**taton's Stock Market Advisory**

John Stedman
President
Republic Bank & Trust Co.

Robin W. Sternbergh
Vice President, Planning
and Control
North Central Marketing Division
IBM Corporation

Gregory J. Stone
Vice President and General Manager
WSOC TV

R. Stanley Vaughan
Managing Partner
Coopers & Lybrand

Clarence W. Walker
Attorney at Law & Partner
Kennedy, Covington, Lobdell &
Hickman

John W. Weil
Chairman of the Board and
Chief Executive Officer
Systems Associates, Inc.

Wendall White
City Manager
City of Charlotte

William H. Williamson, III
Vice President, Investments
Dean Witter Reynolds, Inc.

# BUSINESS ADVISORY COUNCIL

The establishment of a Business Advisory Council (BAC) was approved in the Spring of 1978. The purpose of the Council is to aid in strengthening, evaluating, and planning the Business Administration programs at Queens College.

**Class of 1985-1987**

Crandall C. Bowles
BAC Chairperson
President
The Springs Company

Pete R. Ashcraft
President
Ashcraft Enterprises, Inc.

James R. Bavis
Vice President
Human Resources
Duke Power Company

Jeanne Bohn
Director of Community Affairs
WSOC-TV

Thomas S. Carpenter
General Manager
Aetna Life & Casualty

A. Bruce Chastain
Controller
WSOC-TV

John Crosland, Jr.
President
John Crosland Company

Joe S. Epley
President
Epley Associates

Jean H. Gaskin
President
The Carriage, Inc.

Lonnie P. Jenkins
President
Duff-Norton, Inc.

W. Edwin King
Executive Vice President
Northwestern Bank

Robert E. Mason
President
Robert E. Mason Company

Dewey E. Olson
Manager of Communications and Community Relations
IBM Corporation

Whitney Shaw
President
Shaw Communications, Inc.

Albert Tinkelenberg
Senior Vice President
Federal Reserve Bank of Richmond
Charlotte Branch

Richard (Stick) T. Williams
Media Specialists, Rates & Finance
Duke Power Company

J. Worth Williamson, Jr.
President
First Charlotte Bank & Trust Co.

Joan H. Zimmermann
Vice President
Southern Shows, Inc.

**Class of 1986-1988**

James P. Allen
Director of Communication
and Public Affairs
Celanese Fibers Operations

Carolyn B. Branan
Tax Manager
Deloitte, Haskins & Sells

Arthur H. Burgess, Jr.
President
Arthur H. Burgess & Company

William Covington, Jr.
Senior Vice President
North Carolina National Bank

Sarah Belk Gambrell
Vice President
Belk Store Services, Inc.

Elaine M. Lyerly
President
Lyerly Agency

Don Murfee
Vice President
Wachovia Bank & Trust Co., N.A.

Roger W. Owens
Branch Manager, National Accounts
Division
IBM Corporation

James J. Page
Southeast Region Manager
Kraft, Inc., Dairy Group

Tom P. Phillips
President
D. L. Phillips Investment
Builders, Inc.

T. E. Philson
Vice President
Human Resources Department
Charlotte-Mecklenburg Hospital
Authority

William L. Shotwell
President
Shotwell & Partners

Robin W. Sternbergh
Vice President, Planning and Control
North Central Marketing Division
IBM Corporation

John W. Weil
Chairman of the Board
and CEO
Systems Associates, Inc.

Lillian Whitney
President
L. Whitney & Company

William H. Wilder
Personnel Director
City of Charlotte

Brooke Williams
Executive Vice President
Johnson and Higgins

Robert M. Wright
Senior Vice President and Charlotte
Area Administrator
First Union National Bank

# Alumni Association Officers, 1986-87

Lalla Marshal Gribble, 1942
*President*

Elise McClung Barksdale, 1958
*President-Elect*

Linda Theus Hinson, 1974
*First Vice President*

Karen Warden Annas, 1971
*First Vice President-Elect*

Judy Napier Allison, 1970
*Second Vice President*

Eleanor Carr Johnson, 1937
*Secretary*

Harriette Fulton Root, 1971
*Annual Fund Chairman*

Claire Welchman Trexler, 1975
*Annual Fund Chairman-Elect*

# Administration

# Office of the President

Billy O. Wireman
*President and Professor of Management and Education*
A.B., Georgetown College; M.A., University of Kentucky; Ed.D., Peabody College of Vanderbilt University; L.H.D., Eckerd College; L.H.D., University of Tampa

Lidia Figiel
*Executive Secretary to the President*

## Chaplain

Deneise Deter-Rankin
*B.A., Denison University; M.Div., Duke University*

# Academic Affairs

Clyda S. Rent
*Vice President for Academic Affairs and Professor of Business Administration and Sociology*
B.A., M.S., Ph.D., Florida State University

Renee D. Bramlett
*Assistant to the Vice President for Academic Affairs*
B.S., Wake Forest University

Nancy L. Accipiter
*Secretary to Academic Affairs*

Virginia R. Elliott
*Secretary to the Music Department*

Mary Jo Floryjanski
*Secretary to the Faculty*

Esther B. McGarity
*Coordinator of Special Projects*
Certified Professional Secretary

Millicent R. Woods
*Secretary to the Division of Nursing*

James R. Hendry
*Manager, Dickson Micro-Computer Center and Instructor of Business and Computer Science*
B.A., State University of New York at Plattsburgh; M.B.A., Clarkson University, Potsdam, NY

## College of Arts and Sciences

Joyce H. Shealy
*Dean of the College of Arts and Sciences and Professor of Psychology*
A.B., M.A., University of South Carolina; M.A., Ohio State University; Ph.D., University of North Carolina at Chapel Hill

Ruth Ann Engle
*Coordinator of the College of Arts and Sciences*

Wilda S. Howe
*Secretary*

## Graduate School and New College at Queens

Carolyn M. Jones
*Professor, Director of Nursing and Interim Dean for the The Graduate School and New College*
B.S.N., Mount Saint Agnes College; M.S., in Nursing, University of Maryland; Ph.D., University of Manchester (England)

Sandra R. Loehr
*Coordinator and Advisor of MEd Students and Assistant Professor of Education*
B.S., Ohio State University; M.A., Chicago Theological Seminary; M.Ed., Harvard University

Bonnie M. Stoffel
*Director of New College*
B.A., Agnes Scott College; M.Ed., Georgia State University

Marcia A. Stefan
*Coordinator of Graduate Programs*
B.S.S., Loyola University; M.A., Southern Methodist University

Catherine A. Haselden
*Coordinator of Master of Business Administration Program and Assistant Professor Business Administration*
B.S., Clemson University; J.D., University of South Carolina

Judith S. White
*Coordinator of the Master of Liberal Arts Program and Assistant Professor of English*
A.B., Princeton University; M.A., Columbia University; Ph.D., University of Virginia

Carol C. Saville
*Secretary*

## Queens Institute for Lifelong Learning

Mary C. Weld
*Director of Queens Institute for Lifelong Learning*
B.S., Butler University; M.S., Nazareth College

Nancy D. Goode
*Office Manager*
B.F.A., University of Texas

Alice P. Stapleton
*Secretary*

## Queens Compute

S. Shuford Smith
*Training Director*
B.A., M.A., Wake Forest University

Cynthia C. Teate
*Marketing Director*
B.A., University of North Carolina at Charlotte

Kenneth C. Birt
*Trainer*
B.B.A., North Texas State University; M.Div., Duke University

George W. Bostian
*Trainer*
B.A., University of North Carolina at Charlotte

Pamela S. Engle
*Training Assistant*
B.A., Queens College

Ruth Kelly
*Training Assistant*
B.A., Queens College

Sharon Richardson
*Training Assistant*
B.A., B.S., Appalachian State University

Vicky Semple
*Trainer*
B.S., Kent State University

Frances Robinson
*Office Manager*
B.A., Appalachian State University

Dianne L. Johnson
*Marketing Coordinator*

Kathy Sue Newman
*Secretary*

## Office of the Registrar

Emory H. Mason, Jr.
*Registrar and Professor of Education*
A.B., Catawba College; M.A., Appalachian State University; Ed.D., Duke University

Kaye D. Noe
*Assistant Registrar*
B.A., Queens College

Sally C. Huhn
*Secretary*
B.A., Wesleyan College

## Everett Library

Judith Abner
*Administrative Librarian and Assistant Professor of Music*
B.A., Limestone College; M.L.S., Rutgers University

Richard A. Drye
*Director of Instructional Media Center*
B.A., University of North Carolina at Charlotte; M.M.A., University of South Carolina

Doris S. Prichard
*Catalog Librarian*
B.S., M.S.L.S., University of Tennessee, Knoxville

Elizabeth Shankle
*Public Service Librarian*
B.A., University of North Carolina at Chapel Hill; M.A., Appalachian State University; M.Ln., Emory University

Brenda C. Hehr
*Technical Services*
B.S., Kutztown University

Colleen Turnage
*Cataloging Assistant*
B.A., Queens College

Clara C. Irwin
*Circulation Assistant*
B.A., Converse College; M.Ed., University of North Carolina at Charlotte

## Queens Career Center

Salene Cowher
*Director of the Career Center and Assistant Professor of Education*
B.S., M.A., Slippery Rock University; Ph.D., University of Pittsburgh

Kathryn D. Elsasser
*Career Counselor*
B.A., University of Virginia

R. Jane Kistler
*Secretary*

## Student Affairs

Diana H. Williams
*Dean of Student Affairs*
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill

Wanda S. Birmingham
*Secretary*

Angie E. Hammett
*Secretary*

R. Jane Kistler
*Secretary*

## Student Counseling Service

Barbara Guller
B.A., University of North Carolina at Chapel Hill; M.S., Florida State University M.A., University of South Carolina; M.H.D University of North Carolina at Charlotte.

## Health Services

Wilma Wachowiak, F.N.P.
*Nurse Practitioner*
B.S.N., Queens College

Marilyn Kissiah, R.N.

Eileen Kulp, R.N.

Sue Mack
*Secretary/Receptionist*

# Office of Admissions

Eugenia H. Burton
*Director of Admissions*
B.A., Queens College

Rosalie M. Lovelace
*Assistant Director of Admissions, New Dimensions*
B.A., Lynchburg College; M.S., Bucknell University

Katie M. Wireman
*Assistant Director of Admissions, New College and The Graduate School*
A.B., Georgetown College; M.A., Peabody College of Vanderbilt University

Elizabeth B. Wood
*Coordinator of Alumni Recruiting*
B.A., Queens College

Winnie Bryce
*Receptionist/Secretary*

Sara L. Hinnant
*Secretary, New College and The Graduate School*

Effie Koinis
*Records Secretary*

## Office of Financial Aid

Ann K. Murphy
*Director*
B.A., Randolph-Macon Woman's College

Pat McMinn
*Financial Aid Assistant*
B.S., East Carolina University

Marianne Wood
*Secretary*

# Business Management

## Business Office

Dennis W. Frodsham
*Vice President for Finance and Planning*
B.A., Princeton University; M.B.A., University of Chicago

Laurie S. Guy
*Treasurer and Business Manager*
B.S., University of North Carolina at Greensboro

Rita S. Mabes
*Assistant Business Manager*
B.M., Queens College

Jeannette Manning
*Assistant Treasurer*
B.S., Clemson University; B.A., University of North Carolina at Charlotte, Certified Public Accountant (CPA)

Carol W. King
*General Ledger Bookkeeper*

Jean H. Cline
*Assistant to the Business Manager*
Certified Professional Secretary (CPS)

Nancy S. Pryor
*Student Accounts Bookkeeper*

Minna Talian
*Accounts Payable Clerk*

Dorothy A. Wentz
*Cashier/Bookkeeper*

Martha K. Spencer
*Receptionist/Switchboard Operator*

## Computer Center

Richard H. Ault
*Director of Computer Center and Assistant Professor of Mathematics and Computer Science*
B.S.E.E., University of Miami; M.S., Ph.D., California Institute of Technology

Joan S. Oviatt
*Assistant to the Director*
B.A., Queens College

## Maintenance

David Zeeso
*Physical Plant Director*
B.S.E.E., Illinois Institute of Technology; M.A., Columbia University

Gail H. Vickery
*Assistant to the Director and Groundsmaster*

Joe G. Johnson
*Project Manager*

Johnny L. Brown
*Supervisor, Operations*

Keith D. Huneycutt
*Lead Mechanic*

Lewis A. Linker
*Lead Painter*

Roy McCall
*Carpenter*

## Post Office

Dave Peterson
*Postmaster*
Campus Post Office
B.S., East Tennessee State University

## Department of Public Safety

A. Eugene McAbee
*Director of Public Safety*
B.S., M.S., East Carolina University

Sandra D. Crenshaw
*Senior Public Safety Officer*
A.A.S., Central Piedmont Community College

Donna D. Price
*Public Safety Supervisor*
A.A.S., Central Piedmont Community College

## Dining Hall and Book Store

Mark A. Nelson
*Food Service Director*
Saga Food Service

Paul Kirby
*Food Service Manager*
Saga Food Service

M'Lou Greene
*Saga Book Store Manager*
B.A., Queens College

Shelia S. Warren
*Office Manager*
Saga Food Service

# Development

Alan W. Lee
*Vice President for Development and College Relations*
B.A., Washington and Lee University; M.Ed., University of North Carolina at Charlotte

Linda L. Love
*Director of Annual Support*
B.A., University of North Carolina at Chapel Hill

Allen H. Patterson
*Director of Planned Giving*
B.S., Wake Forest University

Ray McCorkle
*Secretary to the Vice President*

Sue Honeycutt
*Secretary to the Director of Planned Giving*
B.A., University of North Carolina at Charlotte

Pamela Joyce Williams
*Secretary to the Director of Annual Support*

## Office of Communications

Ann M. Matthews
*Director of News Services*
B.A., University of North Carolina at Chapel Hill

## Office of Alumni Affairs

Adelaide A. Davis
*Director*
A.B., Queens College

Susan Durham
*Secretary*

# FACULTY

Date following name and title indicates year of appointment.

*Part Time
†Leave of Absence

Judith Abner
*Assistant Professor of Music and Administrative Librarian 1985*
B.A., Limestone College; M.L.S., Rutgers University

Christine L. Allegretti
*Associate Professor of Psychology 1985*
B.A., M.A., Ph.D., University of Arkansas

Richard H. Ault
*Assistant Professor of Mathematics and Computer Science and Director of Computer Center 1982*
B.S.E.E., University of Miami; M.S., Ph.D., California Institute of Technology

*Jane N. Bardwell
*Lecturer in Business 1985*
B.A., Converse College; M.B.A., Queens College

Ronald J. Basini
*Associate Professor of Business 1977*
B.S., M.B.A., Murray State University

*Carol T. Bender
*Lecturer in Religion 1985*
B.A., Winthrop College; M.Div., Erskine Theological Seminary

*Daniel C. Biber
*Lecturer in Psychology 1976*
B.A., Columbia University; Ph.D., University of North Carolina at Chapel Hill

Carol Boggs
*Assistant Professor of Sociology 1981*
B.A., Asbury College; M.Ed., Ph.D., University of Maryland

*Ralph Bohn
*Lecturer in Philosophy 1985*
B.S., Northwestern University; M.Div., Union Theological Seminary; Ph.D., University of Edinburgh

*Cathy Smith Bowers
*Lecturer in English 1983*
B.A., M.A.T., Winthrop College

Constance Rhyne Bray
*Instructor of Music 1984*
B.M., Wittenberg University; M.M., Florida State University

*G. Harold Bridges, Jr.
*Lecturer in Computer Science 1983*
B.S.B.A., Western Carolina University; Certified Data Processor (CDP); Certified Internal Auditor (CIA)

Marbury H. Brown
*Associate Professor of Art 1982*

*Christine Campbell
*Lecturer in Art 1984*
B.F.A, Ohio Wesleyan University; M.F.A., Western Michigan University

*Helen G. Cappelman
*Assistant Professor of Education 1979*
A.B., University of North Carolina at Chapel Hill; M.Ed., Ph.D., Duke University

†Diane M. W. Castle
*Assistant Professor of Foreign Languages (French) 1983*
A.B., King College; M.A., Ph.D., University of North Carolina at Chapel Hill

*Brian Patrick Cawley
*Lecturer in Business 1984*
B.S., M.E., Rensselaer Polytechnic

*Elisabeth H. Chapman
*Lecturer in English 1977*
B.A., Queens College; M.A., University of North Carolina at Charlotte

*John Milton Childress, II
*Lecturer in Business 1984*
B.S., University of Tennessee; M.B.A., University of Virginia

*John Clemens
*Lecturer in Business 1986*
B.S., Campbell College; M.B.A. University of North Carolina

Florapearl Cobey
*Assistant Professor of Chemistry 1976*
B.S., University of Tennessee at Chattanooga; Ph.D., Duke University

Charles G. Couch, Jr.
*Assistant Professor of Psychology 1982*
B.A., University of North Carolina at Chapel Hill; M.A., Ph.D., University of North Carolina at Greensboro

Salene J. Cowher
*Assistant Professor of Education and Director of the Career Center 1985*
B.S., M.A., Slippery Rock University; Ph.D., University of Pittsburgh

Richard F. Crown
*Associate Professor of Art and Director of Watkins Gallery 1971*
B.A., New York University; M.A., Indiana University; M.F.A., University of Massachusetts

*Elizabeth Sharp Currie
*Biology Lab Instructor 1981*
B.A., Queens College

Mollie C. Davis
*Professor of History 1972*
A.B., Hollins College; M.A.T., Emory University; Ph.D., University of Georgia

Suzanne M. Degni
*Instructor of Business and Acting Director of the Secretarial Science Program 1984*
B.A., University of Central Florida; M.Ed., Florida Atlantic University

Richard A. Drye
*Director of the Institutional Media Center 1984*
B.A., University of North Carolina at Charlotte; M.M.A., University of South Carolina

*Nancy Carolyn Duncan
*Lecturer in Computer Science 1984*
B.S., University of North Carolina at Greensboro; M.A., University of North Carolina at Chapel Hill

*S. Wayne Eason
*Lecturer in Business and English 1984*
B.A., B.C.A., University of North Carolina at Charlotte; M.A., Brown University

Jack H. Fehon
*Dana Professor of Biology and Chairman of Division of Natural Science and Mathematics 1956*
B.A., M.S., University of Florida; Ph.D., Florida State University

Robert L. Finley
*Associate Professor of Business Administration and Economics 1981*
B.B.A., M.A., Ph.D., University of Oklahoma

*Harold J. Foley
*Instructor in Business 1984*
B.A., North Carolina State University; B.S., University of North Carolina at Charlotte; M.B.A., Queens College

James W. Foster, Jr.
*Assistant Professor of Business 1982*
B.B.A., Siena College; J.D., Albany Law School; Certified Public Accountant (CPA)

*Norris Frederick
*Lecturer in Philosophy 1984*
B.A., Davidson College; M.A., Ph.D., University of Georgia

Carlene H. Fulk
*Assistant Professor of Nursing 1982*
B.S., Duke University; M.S.N., University of North Carolina at Chapel Hill

*Frye Gaillard
*Writer-in-Residence 1981*
B.A., Vanderbilt University

Katherine Anne Gant
*Assistant Professor of Physical Education 1984*
B.A., Duke University; M.S., University of North Carolina at Chapel Hill

Mary Jo Gilmer
*Assistant Professor of Nursing 1984*
B.S.N., Michigan State University; M.S.N., University of Illinois

*Shirley Jackson Gilpin
*Lecturer in Music 1984*
B.M., Hartt College of Music; M.M., Manhattan School of Music

Janice E. L. Ginger
*Assistant Professor of Education, Director of Teacher Education Programs, and Acting Chairman of Division of Social Sciences, 1984*
B.A., Colorado Women's College; M.Ed., Ph.D., University of North Dakota

Richard T. Goode
*Professor of English and Chairman of Division of Humanities 1978*
B.A., Washington and Lee University; M.A., Ph.D., University of Texas at Austin

Charles O. Hadley
*Dana Professor of English 1955*
A.B., Davidson College; M.A., University of North Carolina at Chapel Hill; Ph.D., University of Georgia

Jane H. Hadley
*Assistant Professor of English (Drama) 1981*
B.A., Incarnate Word College; M.F.A., University of Georgia

*Michael Eugene Hammond
*Lecturer in Mathematics 1984*
B.S., Wake Forest University; M.Div., Southeastern Seminary; M.A., Winthrop College

S. Catherine Haselden
*Assistant Professor of Business and Coordinator and Advisor of the Master of Business Administration Program 1984*
B.S., Clemson University; J.D., University of South Carolina

James R. Hendry
*Instructor of Business and Computer Science and Manager, Dickson Micro-Computer Center 1986*
B.A., State University of New York at Plattsburgh; M.B.A., Clarkson University, Potsdam, New York

*John G. Hilarides
*Lecturer in Art 1984*
B.F.A., Ohio University

*Lynne Holsten
*Lecturer in Business 1984*
B.A., M.B.A., Indiana University

*Susan Luck Hooks
*Instructor of English 1981*
B.A., Queens College; M.A., University of North Carolina at Charlotte

*William M. Hoover
*Lecturer in Computer Science 1982*
B.S.E.E., Virginia Military Institute; M.S.E.E., Ph.D., University of Texas at Arlington

Rebecca C. Jann
*Associate Professor of Biology 1978*
B.A., Catawba College; Ph.D., Wake Forest University

Carolyn M. Jones
*Professor of Nursing, Director of Nursing Division, and Interim Dean of The Graduate School and New College 1980*
B.S.N., Mount Saint Agnes College; M.S., in Nursing, University of Maryland; Ph.D., University of Manchester (England)

*Deborah Kauffman
*Lecturer in Music 1984*
B.F.A., State University of New York

Elizabeth Kimble
*Assistant Professor of Music and Education, Director, Music Conservatory and Director, Charlotte Children's Choir at Queens 1986*
B.A., Queens College; M.M.Ed., Florida State University; Ed.D., University of Georgia

Randall R. Kincaid
*Professor of Economics 1982*
B.A., Wofford College; M.A., Ph.D., Duke University

Marjorie T. Kirby
*Z. Smith Reynolds Professor of Foreign Languages (Spanish) 1962*
A.B., Birmingham-Southern College; M.A., Ph.D., University of North Carolina at Chapel Hill

Joseph E. Lammers
*Professor of Music (Piano) and Chairman of Division of Fine Arts 1962*
B.Mus., University of Alabama; M.Mus., Ph.D., Florida State University

Sherry L. Laurent
*Assistant Professor of Nursing 1982*
Diploma in Nursing, Charity Hospital School of Nursing; B.A., LaVerne College; M.S.N., The Catholic University of America

*Thomas A. Lee
*Lecturer in Mathematics 1984*
B.S., University of Wisconsin; M.B.A., University of North Carolina at Charlotte; Ph.D., University of Arizona

Henry T. Loehr
*Associate Professor of Business Administration and Chairman of the Division of Business and Economics 1985*
A.B., Emory University; M.Div., Chicago Theological Seminary; M.S.B.A., Ph.D., University of Massachusetts

Sandra R. Loehr
*Coordinator and Advisor of MEd students and Assistant Professor of Education 1984*
B.S., Ohio State University; M.A., Chicago Theological Seminary; Ed.M., Harvard University

*Nancy Lucas
*Lecturer in Music 1979*
A.B., Limestone College; M.M., Converse College

Helen Macilwaine
*Associate Professor of Nursing 1985*
B.A., University of Newcastle Upon Tyne; Ph.D., University of Manchester (England)

*Albert A. Maisto
*Lecturer in Psychology 1984*
B.A., Murray State University; M.A., Ph.D., University of Alabama

Virginia L. Martin
*Professor of Biology 1966*
*Carol G. Belk Faculty Fellow, 1983-1985*
B.S., Wake Forest University; M.S., Ph.D., Emory University

Emory H. Mason, Jr.
*Professor of Education and Registrar 1965*
A.B., Catawba College; M.A., Appalachian State University; Ed.D., Duke University

Frances Jones McClain
*Assistant Professor of Music 1983*
B.M., M.M., Michigan State University; M.Ed., Winthrop College

*Ralph Milford
*Lecturer in Business, 1986*
B.B.A., M.B.A., Georgia State University

*Elaine F. Miller
*Lecturer in Music 1985*
B.M., University of North Carolina at Greensboro; M.A., University of Connecticutt

*Eva Mills
*Lecturer in English 1981*
B.A., University of Pennsylvania; B.A., M.A., University of Wisconsin; Ph.D., University of Cincinnati

Margery Y. Morgan
*Assistant Professor of Accounting 1985*
B.B.A., Stetson University; M.S., University of Central Florida; Certified Public Accountant (CPA)

Paul B. Newman
*Professor of English 1983*
B.S., M.A., Ph.D., University of Chicago; M.F.A., University of Iowa

Paul Arlyn Nitsch
*Assistant Professor of Art and Artist-In-Residence 1977*
B.Mus., M.Mus., Peabody Conservatory of Music

*Ronald A. Norelli
*Lecturer in Business Administration*
S.B., S.M., Massachusetts Institute of Technology; M.B.A., Northeastern University

Jeffery A. Nystrom
*Assistant Professor of Chemistry*
B.S., North Carolina State University; Ph.D., University of North Carolina at Chapel Hill

Jimmie C. Oates
*Professor of Physics 1962*
B.S., Memphis State University; M.S., Ph.D., Vanderbilt University

Jean Welborn Odom
*Assistant Professor of Accounting 1984*
B.S., University of South Carolina; Certified Public Accountant (CPA)

*Patricia S. Padgett
*Lecturer in Business 1985*
B.B.A., Georgia Southern College; M.B.A., University of North Carolina at Greensboro

*E. Louise Justice Pass
*Lecturer in English 1984*
B.A., M.A., University of West Florida; Ph.D., Florida State University

*Cheryl Pawlowski
*Lecturer in Communications 1984*
B.A., Western Connecticut State University; M.A., Fairfield University

Phyllis A. Pharr
*Associate Professor of Physical Education 1964*
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill

*Ben N. Pfingstag
*Lecturer in Art 1984*
B.A., M.A., San Francisco State College; M.A., Ph.D., State University of New York at Binghamton

Robert F. Porter
*Associate Professor of Art 1983*
B.A., Princeton University; Ph.D., University of North Carolina at Chapel Hill.

*William Clay Presley
*Lecturer in Business 1981*
B.S., University of South Carolina at Columbia; M.B.A., Wake Forest University

Norris W. Preyer
*Dana Professor of History 1957*
A.B., University of North Carolina at Chapel Hill; M.A., Ph.D., University of Virginia

*Martha Rainey
*Lecturer in English and Communications 1985*
B.A., University of North Carolina at Chapel Hill

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*Instructor in Religion and Chaplain 1985*
B.A., Denison University; M.Div., Duke University

Clyda S. Rent
*Professor of Business Administration and Sociology, Vice President for Academic Affairs 1972*
B.A., M.S., Ph.D., Florida State University

*John C. Robinette, Jr.
*Lecturer in Business 1985*
B.A., University of North Carolina at Chapel Hill; M.B.A., University of South Carolina

*Rosario Sapinoso
*Lecturer in Music 1983*
B.M., St. Theresa College; M.M., Winthrop College

*Mary Nell Saunders
*Lecturer in Music 1982*
B.A., Pfeiffer College; M.M., Southern Methodist Universiy; D.M., Indiana University

*Stuart C. Schwartz
*Lecturer in History 1976*
A.B., Rutgers University; M.A., Appalachian State University

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*Public Services Librarian 1985*
A.B., University of North Carolina at Chapel Hill; M.A., Appalachian State University; M.Ln., Emory University

Joyce H. Shealy
*Professor of Psychology and Dean of the College of Arts and Sciences 1959*
A.B., M.A., University of South Carolina; M.A., Ohio State University; Ph.D., University of North Carolina at Chapel Hill

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*Associate Professor of Music (Violin) 1969*
B.Mus., B.Mus.Ed., College of Wooster; M.Mus.Ed., Virginia Commonwealth University

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*Assistant Professor of Communications 1986*
B.A., DePauw, M.A., University of North Carolina at Chapel Hill

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*Lecturer in History 1982*
A.S., Wingate; B.A., M.A., University of North Carolina at Charlotte

†George A. Stegner
*Dana Professor of Music (Piano) 1955*
B.S., Miami University (Oxford, Ohio); B.Mus., M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College

*Robert Eugene Stigall
*Lecturer in Music (Organ) and College Organist 1973*
B.Mus., Syracuse University; M.S.M., Union Theological Seminary

*Gilda M. Syverson
*Lecturer in Art 1984*
B.S., State University of New York College at Buffalo; M.F.A., Southern Illinois University at Edwardsville

Michael Tager
*Assistant Professor of Political Science 1985*
A.B., Cornell University; M.A., University of North Carolina at Chapel Hill

*Glenda C. Tallent
*Lecturer in Business 1984*
B.S.B.A., Appalachian State University; M.B.A., Queens College

Suzanne E. Tatro
*Associate Professor of Nursing 1983*
B.S., D'Youville College; M.S., University of Rochester

†Maria S. Terrell
*Assistant Professor of Mathematics 1982*
B.A., Albertus Magnus College; Ph.D., University of Virginia

*W. Scott Terry
*Lecturer in Psychology 1984*
B.A., Fairfield University; M.S., Ph.D., Yale University

Barbara Thacker
*Assistant Professor of Mathematics and Computer Science 1984*
B.A., M.A., University of North Carolina at Greensboro

William A. Thompson
*Professor of History 1975*
A.B., Davidson College; M.A., Ph.D., Vanderbilt University

*Valerie Truesdale
*Lecturer in Business 1986*
B.A., Clemson University; M.B.A., Georgia State University

*Wayne Tvedt
*Lecturer in Computer Science 1986*
B.A., M.S., University of Minnesota

*Peggy Van Dyke
*Lecturer in English and Communications 1986*
B.A., Rollins College; M.A., University of North Carolina

*Terry Vardell
*Lecturer in Business 1986*
A.A., Florida College; B.S., University of Florida; M.B.A., University of South Florida

Robert L. Vogel
*Assistant Professor of Mathematics 1984*
B.A., Hanover College; M.A., University of Louisville; Ph.D., Emory University

*G. Bryan Wall
*Lecturer in Business 1984*
B.S., M.A., Ph.D., North Carolina State University; D.M.D., University of Florida

Robert W. Whalen
*Assistant Professor of History 1983*
B.S., Georgetown University; M.A., Ph.D., Cornell University

Judith S. White
*Assistant Professor of English and Coordinator of the MLA 1985*
A.B., Princeton University; M.A., Columbia University; Ph.D., University of Virginia

Billy O. Wireman
*Professor of Management and Education and President of the College 1978*
A.B., Georgetown College; M.A., University of Kentucky; Ed.D., Peabody College of Vanderbilt University; L.H.D., Eckerd College; L.H.D., University of Tampa

*Donna M. Wood
*Lecturer in Computer Science 1984*
B.S., Cleveland State University

Yolanda K. Yoder
*Assistant Professor of Computer Science and Mathematics 1984*
B.A., Queens College; M.A., University of Florida in Gainesville

*Manuel L. Zapata
*Lecturer in Business 1979*
B.S.M.E., M.B.A., University of North Carolina at Charlotte

*Note: Dr. Stegner will be on leave for Term I only.*

## Professors Emeriti

Thelma Albright
*Associate Professor Emeritus of English*
A.B., Greensboro College; M.A., Duke University; L.H.D., Queens College

Charles E. Brewer, Jr.
*Associate Professor Emeritus of Economics*
A.B., Princeton University

Roberta T.S. Chalmers
*Associate Professor Emeritus of English*
A.B., D. Litt., Mount Holyoke College; M.A., Radcliffe College; B. Litt., Oxford University (England); D. Litt., Keynon College

Nancy Eagle Duncan
*Dana Professor of Music, Emeritus*
B.S.M., University of North Carolina at Greensboro; M.A., University of North Carolina at Chapel Hill

Ann. S. Gebhardt
*Professor Emeritus of Art*
B.F.A., M.A., Ohio State University

Eleanor Lloyd Jenkins
*Associate Professor of Mathematics and Registrar*
B.A., Queens College; M.A., University of North Carolina at Chapel Hill

Albert R. May
*Professor Emeritus of Music (Voice)*
Boston University of Music; Juillard School of Music

Mildred L. Miscally
*Assistant Professor Emeritus of Journalism*
A.B., M.A., University of Georgia

Sarah McKee Nooe
*Professor Emeritus of Biology*
B.S., Meredith College; M.A., Columbia University

Caroline Gordon Richardson
*Assistant Professor of Foreign Languages (French)*
A.B., Winthrop College; M.A., University of South Carolina

George A. Shealy
*Professor Emeritus of Art*
Indiana University; Chicago Art Institute; Bell School of Art; Oxbow School of Painting

Mary Thomas Smith
*Assistant Professor of Education*
A.B., M.A., East Carolina University

Mary Lee Taylor
*Assistant Professor Emeritus of Religion*
A.B., Salem College; M.R.E., The Biblical Seminary, New York

Laura A. Tillett
*Professor Emeritus of English*
A.B., Duke University; M.A., Columbia University

Sarah West
*Assistant Professor of Business*
B.S., Winthrop College; M.R.E., Woman's Missionary Training School (Louisville)

# DEGREES CONFERRED 1985-1986

## Bachelor of Arts Degree

Lisa Ann Armet
Barbara Garner Bailey
Jeanne Wiltsie Collins
Carolyn Rathbone Duncan
Catherine Jill Hager
Susan Thomas McAvoy
Susan Whisnant Pritchard
Kathryn Rapp-Cannon
Tina Mossa Sebastain
Esther Jordan Sossamon
Diana Southern Swinson
Jenifer DePuew Taylor
Richard Crowell Tomberlin
Diane Lucinda Trost
Franceen Smith Wells
Glenda Lowe Wesson
Janis Guffey Wilkinson
Rhonda Kay Williams

## Bachelor of Business Administration Degree

Brenda Baucom Olliffe

## Bachelor of General Studies Degree

Michael Edward Bolch
Linda King Yarbrough

## Master of Business Administration Degree

Janie Snider Beaver
Kenneth Howard Brock
Michael Jerome Carter
Lynn Marie Dubick
Steven Edward Eckert
Harold James Foley
Martin John Forcina
Dealis Wilson Gwyn
Peggy Mabe Hampton
Andrew Gordon Harper
Susanne Peacock Hawthorne
Gary Edward Hedrick
Stephen John Immel
Mary Elizabeth Kiser
Jeffrey Pete Knotts
Patrick Peter Laratta, III
Michael Anthony Lascara
Donald Leo Fruehaf McAvoy, Jr.
Bradley Amerman Peacock
Mary Robbins Rowell
Terri Lynn Shaner
Carol Elaine Shrum
Clyde Michael Smith
Lisbeth Gibson Stockman
John Daniel Waddill
Barry Dale Waldrop
Vinson Waddell Washburn, Jr.
Patricia Sharman West
Edward Lee Wright

## Master of Education Degree

Jack Milton Black
Gwen Corbett Fox
Dianne Carver Lawing
Sandra Marie McLelland
Carol Cross Morris
Judith Morgan Plough
Mary Wilkins Richardson

## Queens College Map

1. Belk Chapel
2. Albright Residence Hall
3. Jernigan Student Center
   (Snack Bar and Post Office)
4. Long Residence Hall
5. Stultz Building
6. Belk Residence Hall
7. Burwell Hall
   (Administrative Office)
8. Blair Building
9. Wallace Residence Hall
10. McEwen Building
    (Administrative Offices, QUILL,
    Dickson Microcomputer Center)
11. Watkins Art Building
12. Harris Residence Hall
13. Walker Science Building
    (Mainframe Computer Center)
14. Morrison Dining Hall
    (Bookstore in the basement)
15. Everett Library
16. Dana Building
17. Tillett Building—Maintenance
18. Faculty Club
19. Sorority Lodge
20. Sorority Lodge
21. Irwin-McKay Infirmary
22. Heating Plant
23. Greenhouse
24. Maintenance Shop
25. Parking Lot
26. Tennis Courts
27. Ovens Gymnasium
28. E. H. Little Fine Arts Center
29. Barnhardt Residence Hall

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